

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 90/360 = 0.25$

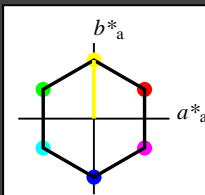
lab^*ch and lab^*nch

D65: hue Y

LCH*Ma: 57 77 90

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 100$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCa	99.99	0.01	-	-

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.75	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	85.73	0.0	19.34
LAB*LAB	85.73	0.0	19.34	0.0
LAB*TCa	87.5	19.34	90.0	-

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0	0.5	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	76.06	0.0	38.69
LAB*LAB	76.06	0.0	38.69	0.0
LAB*TCa	75.0	38.69	90.0	-

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.25	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	66.38	0.0	58.04
LAB*LAB	66.38	0.0	58.04	0.0
LAB*TCa	62.5	58.04	90.0	-

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	0.0	77.38
LAB*LAB	56.71	0.0	77.38	0.0
LAB*TCa	50.0	77.38	90.0	-

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	76.07	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0
LAB*TCa	75.0	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.5	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	0.75	(0.0)
cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	66.39	0.0	19.35
LAB*LAB	66.39	0.0	19.35	0.0
LAB*TCa	62.5	19.35	90.0	-

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	0.5	(0.0)
cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	0.0	38.7
LAB*LAB	56.71	0.0	38.7	0.0
LAB*TCa	50.0	38.7	90.0	-

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.0	(1.0)
cmv3*	0.25	0.25	0.0	(0.0)
olv4*	1.0	1.0	0.25	(1.0)
cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	47.04	0.0	58.04
LAB*LAB	47.04	0.0	58.04	0.0
LAB*TCa	37.5	58.04	90.0	-

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.0	(1.0)
cmv3*	0.25	0.25	0.0	(0.0)
olv4*	1.0	1.0	0.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	37.5	0.0	77.38
LAB*LAB	37.5	0.0	77.38	0.0
LAB*TCa	30.0	77.38	90.0	-

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	56.72	0.0	0.0
LAB*LAB	56.72	0.0	0.0	0.0
LAB*TCa	50.0	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.25	(1.0)
cmv3*	0.5	0.5	0.25	(0.0)
olv4*	1.0	1.0	0.75	(0.0)
cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	47.04	0.0	19.35
LAB*LAB	47.04	0.0	19.35	0.0
LAB*TCa	37.5	19.35	90.0	-

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.0	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
olv4*	1.0	1.0	0.5	(0.0)
cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	37.5	0.0	38.7
LAB*LAB	37.5	0.0	38.7	0.0
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olv4*	1.0	1.0	0.25	(1.0)
cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	27.69	0.0	58.04
LAB*LAB	27.69	0.0	58.04	0.0
LAB*TCa	12.5	58.04	90.0	-

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.0	(1.0)
cmv3*	0.25	0.25	0.0	(0.0)
olv4*	1.0	1.0	0.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	12.5	0.0	77.38
LAB*LAB	12.5	0.0	77.38	0.0
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relative Inform. Technology (IT)

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cmv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.75	(0.0)
standard and adapted CIELAB	LAB*LAB	37.5	0.0	0.0
LAB*LAB	37.5	0.0	0.0	0.0
LAB*TCa	25.0	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.25	(0.0)
olv4*	1.0	1.0	0.75	(0.0)
cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	27.69	0.0	19.34
LAB*LAB	27.69	0.0	19.34	0.0
LAB*TCa	12.5	19.34	90.0	-

relative Inform. Technology (IT)

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cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	12.5	0.0	38.69
LAB*LAB	12.5	0.0	38.69	0.0
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cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	0.0	0.0	58.04
LAB*LAB	0.0	0.0	58.04	0.0
LAB*TCa	0.0	58.04	90.0	-

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LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCa	0.0	0.01	-	-

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cmv4*	0.0	0.0	0.25	(0.0)
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LAB*LAB	0.0	0.0	19.35	0.0
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LAB*TCa	0.0	58.04	90.0	-

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standard and adapted CIELAB	LAB*LAB	0.0	0.0	77.38
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LAB*TCa	0.0	77.38	90.0	-

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standard and adapted CIELAB	LAB*LAB	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCa	0.0	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.25	(0.0)
olv4*	1.0	1.0	0.75	(0.0)
cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	0.0	0.0	19.34
LAB*LAB	0.0	0.0	19.34	0.0
LAB*TCa	0.0	19.34	90.0	-

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.25	(0.0)
olv4*	1.0	1.0	0.5	(0.0)
cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	0.0	0.0	38.69
LAB*LAB	0.0	0.0	38.69	0.0
LAB*TCa	0.0	38.69	90.0	-

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.25	(0.0)
olv4*	1.0	1.0	0.25	(1.0)
cmv4*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	0.0	0.0	58.04
LAB*LAB	0.0	0.0	58.04	0.0
LAB*TCa	0.0	58.04	90.0	-

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.25	(0.0)
olv4*	1.0	1.0	0.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	0.0	0.0	77.38
LAB*LAB	0.0	0.0	77.38	0.0
LAB*TCa	0.0	77.38	90.0	-

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 150/360 = 0.417$

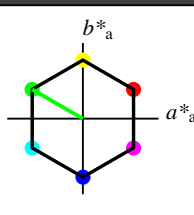
lab^*ch and lab^*nch

D65: hue L

LCH*Ma: 57 77 150

olv*Ma: 0.0 1.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 100$

relative Inform. Technology (IT)	
ohv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.0 0.0 0.0 (0.0)
olv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	95.41 0.0 0.0
LAB*LABa	95.41 0.0 0.0
LAB*TCHa	99.99 0.01 -

relative Inform. Technology (IT)	
ohv3*	0.75 1.0 0.75 (1.0)
cmv3*	0.25 0.0 0.25 (0.0)
olv3*	0.75 1.0 0.75 (1.0)
cmv3*	0.25 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	85.73 -16.74 9.67
LAB*LABa	85.73 -16.74 9.67
LAB*TCHa	87.5 19.34 150.0

relative Inform. Technology (IT)	
ohv3*	0.75 1.0 0.75 (1.0)
cmv3*	0.25 0.0 0.25 (0.0)
olv3*	0.75 1.0 0.75 (1.0)
cmv3*	0.25 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	76.06 -33.5 19.35
LAB*LABa	76.06 -33.5 19.35
LAB*TCHa	75.0 38.69 150.0

relative Inform. Technology (IT)	
ohv3*	0.5 1.0 0.5 (1.0)
cmv3*	0.5 0.0 0.5 (0.0)
olv3*	0.5 1.0 0.5 (1.0)
cmv3*	0.5 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	66.38 -50.26 29.02
LAB*LABa	66.38 -50.26 29.02
LAB*TCHa	62.5 58.04 150.0

relative Inform. Technology (IT)	
ohv3*	0.25 1.0 0.25 (1.0)
cmv3*	0.75 0.0 0.75 (0.0)
olv3*	0.25 1.0 0.25 (1.0)
cmv3*	0.75 0.0 0.75 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 -67.01 38.69
LAB*LABa	56.71 -67.01 38.69
LAB*TCHa	50.0 77.38 150.0

relative Inform. Technology (IT)	
ohv3*	0.75 0.75 0.75 (1.0)
cmv3*	0.25 0.25 0.25 (0.0)
olv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	76.07 0.0 0.0
LAB*LABa	76.07 0.0 0.0
LAB*TCHa	75.0 0.01 -

relative Inform. Technology (IT)	
ohv3*	0.75 0.75 0.75 (1.0)
cmv3*	0.25 0.25 0.25 (0.0)
olv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	66.39 -16.75 9.68
LAB*LABa	66.39 -16.75 9.68
LAB*TCHa	62.5 19.35 150.0

relative Inform. Technology (IT)	
ohv3*	0.5 0.75 0.5 (1.0)
cmv3*	0.75 0.25 0.75 (0.0)
olv3*	0.75 1.0 0.75 (0.75)
cmv3*	0.25 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	66.39 -16.75 9.68
LAB*LABa	66.39 -16.75 9.68
LAB*TCHa	62.5 19.35 150.0

relative Inform. Technology (IT)	
ohv3*	0.25 0.75 0.25 (1.0)
cmv3*	0.75 0.25 0.75 (0.0)
olv3*	0.25 1.0 0.25 (1.0)
cmv3*	0.75 0.0 0.75 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 -67.01 38.69
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relative Inform. Technology (IT)	
ohv3*	0.0 1.0 0.0 (1.0)
cmv3*	1.0 0.0 1.0 (0.0)
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cmv3*	1.0 0.0 1.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	66.38 -50.26 29.02
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relative Inform. Technology (IT)	
ohv3*	0.75 0.0 0.0 (0.0)
cmv3*	0.75 0.0 0.0 (0.0)
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standard and adapted CIELAB	
LAB*LAB	56.72 0.0 0.0
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relative Inform. Technology (IT)	
ohv3*	0.75 0.0 0.0 (0.0)
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standard and adapted CIELAB	
LAB*LAB	56.72 0.0 0.0
LAB*LABa	56.72 0.0 0.0
LAB*TCHa	50.0 0.01 -

relative Inform. Technology (IT)	
ohv3*	0.5 0.75 0.5 (1.0)
cmv3*	0.75 0.25 0.75 (0.0)
olv3*	0.5 1.0 0.5 (0.75)
cmv3*	0.5 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 -67.01 38.69
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relative Inform. Technology (IT)	
ohv3*	0.5 0.75 0.5 (1.0)
cmv3*	0.75 0.25 0.75 (0.0)
olv3*	0.5 1.0 0.5 (0.75)
cmv3*	0.5 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 -67.01 38.69
LAB*LABa	56.71 -67.01 38.69
LAB*TCHa	50.0 77.38 150.0

relative Inform. Technology (IT)	
ohv3*	0.25 0.75 0.25 (1.0)
cmv3*	0.75 0.25 0.75 (0.0)
olv3*	0.25 1.0 0.25 (1.0)
cmv3*	0.75 0.0 0.75 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 -67.01 38.69
LAB*LABa	56.71 -67.01 38.69
LAB*TCHa	50.0 77.38 150.0

relative Inform. Technology (IT)	
ohv3*	0.0 1.0 0.0 (1.0)
cmv3*	1.0 0.0 1.0 (0.0)
olv3*	0.0 1.0 0.0 (0.0)
cmv3*	1.0 0.0 1.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	66.38 -50.26 29.02
LAB*LABa	66.38 -50.26 29.02
LAB*TCHa	62.5 58.04 150.0

relative Inform. Technology (IT)	
ohv3*	0.25 0.0 0.0 (0.0)
cmv3*	0.75 0.0 0.0 (0.0)
olv3*	0.25 0.0 0.0 (0.0)
cmv3*	0.75 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.72 0.0 0.0
LAB*LABa	56.72 0.0 0.0
LAB*TCHa	50.0 0.01 -

relative Inform. Technology (IT)	
ohv3*	0.25 0.0 0.0 (0.0)
cmv3*	0.75 0.0 0.0 (0.0)
olv3*	0.25 0.0 0.0 (0.0)
cmv3*	0.75 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.72 0.0 0.0
LAB*LABa	56.72 0.0 0.0
LAB*TCHa	50.0 0.01 -

relative Inform. Technology (IT)	
ohv3*	0.5 0.75 0.5 (1.0)
cmv3*	0.75 0.25 0.75 (0.0)
olv3*	0.5 1.0 0.5 (0.75)
cmv3*	0.5 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 -67.01 38.69
LAB*LABa	56.71 -67.01 38.69
LAB*TCHa	50.0 77.38 150.0

relative Inform. Technology (IT)	
ohv3*	0.25 0.75 0.25 (1.0)
cmv3*	0.75 0.25 0.75 (0.0)
olv3*	0.25 1.0 0.25 (1.0)
cmv3*	0.75 0.0 0.75 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 -67.01 38.69
LAB*LABa	56.71 -67.01 38.69
LAB*TCHa	50.0 77.38 150.0

relative Inform. Technology (IT)	
ohv3*	0.0 1.0 0.0 (1.0)
cmv3*	1.0 0.0 1.0 (0.0)
olv3*	0.0 1.0 0.0 (0.0)
cmv3*	1.0 0.0 1.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	66.38 -50.26 29.02
LAB*LABa	66.38 -50.26 29.02
LAB*TCHa	62.5 58.04 150.0

relative Inform. Technology (IT)	
ohv3*	0.25 0.25 0.25 (1.0)
cmv3*	0.75 0.75 0.75 (0.0)
olv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.72 0.0 0.0
LAB*LABa	56.72 0.0 0.0
LAB*TCHa	50.0 0.01 -

relative Inform. Technology (IT)	
ohv3*	0.25 0.25 0.25 (1.0)
cmv3*	0.75 0.75 0.75 (0.0)
olv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.72 0.0 0.0
LAB*LABa	56.72 0.0 0.0
LAB*TCHa	50.0 0.01 -

relative Inform. Technology (IT)	
ohv3*	0.5 0.75 0.5 (1.0)
cmv3*	0.75 0.25 0.75 (0.0)
olv3*	0.5 1.0 0.5 (0.75)
cmv3*	0.5 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 -67.01 38.69
LAB*LABa	56.71 -67.01 38.69
LAB*TCHa	50.0 77.38 150.0

relative Inform. Technology (IT)	
ohv3*	0.25 0.75 0.25 (1.0)
cmv3*	0.75 0.25 0.75 (0.0)
olv3*	0.25 1.0 0.25 (1.0)
cmv3*	0.75 0.0 0.75 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 -67.01 38.69
LAB*LABa	56.71 -67.01 38.69
LAB*TCHa	50.0 77.38 150.0

relative Inform. Technology (IT)	
ohv3*	0.0 1.0 0.0 (1.0)
cmv3*	1.0 0.0 1.0 (0.0)
olv3*	0.0 1.0 0.0 (0.0)
cmv3*	1.0 0.0 1.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	66.38 -50.26 29.02
LAB*LABa	66.38 -50.26 29.02
LAB*TCHa	62.5 58.04 150.0

relative Inform. Technology (IT)	
ohv3*	0.0 0.0 0.0 (0.0)
cmv3*	1.0 1.0 1.0 (0.0)
olv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	18.03 0.0 0.0
LAB*LABa	18.03 0.0 0.0
LAB*TCHa	10.0 0.01 -

relative Inform. Technology (IT)	
ohv3*	0.0 0.0 0.0 (0.0)
cmv3*	1.0 0.75 1.0 (0.0)
olv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.25 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	18.03 0.0 0.0
LAB*LABa	18.03 0.0 0.0
LAB*TCHa	12.5 19.97 150.91

relative Inform. Technology (IT)	
ohv3*	0.0 0.0 0.0 (0.0)
cmv3*	1.0 0.5 1.0 (0.0)
olv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.5 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	18.03 0.0 0.0
LAB*LABa	18.03 0.0 0.0
LAB*TCHa	12.5 19.97 150.91

relative Inform. Technology (IT)	
ohv3*	0.0 0.0 0.0 (0.0)
cmv3*	1.0 0.25 1.0 (0.0)
olv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.25 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	18.03 0.0 0.0
LAB*LABa	18.03 0.0 0.0
LAB*TCHa	12.5 19.97 150.91

relative Inform. Technology (IT)	
ohv3*	0.0 1.0 0.0 (1.0)
cmv3*	1.0 0.0 1.0 (0.0)
olv3*	0.0 1.0 0.0 (0.0)
cmv3*	1.0 0.0 1.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	18.02 0.0 0.0
LAB*LABa	18.02 0.0 0.0
LAB*TCHa	10.0 0.01 -

relative Inform. Technology (IT)	
ohv3*	0.0 0.0 0.0 (0.0)
cmv3*	1.0 1.0 1.0 (0.0)
olv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.0 0.0 0.0
LAB*LABa	0.0 0.0 0.0
LAB*TCHa	0.0 0.01 -

relative Inform. Technology (IT)	
ohv3*	0.0 0.0 0.0 (0.0)
cmv3*	1.0 0.75 1.0 (0.0)
olv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.25 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.0 0.0 0.0
LAB*LABa	0.0 0.0 0.0
LAB*TCHa	0.0 0.01 -

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 270/360 = 0.75$

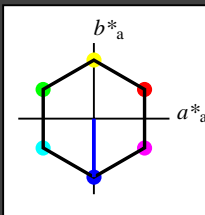
lab^*ch and lab^*nh

D65: hue V

LCH*Ma: 57 77 270

olv*Ma: 0.0 0.0 1.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 100$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	1.0	0.0	0.0
lab*nh	0.0	0.0	1.0

relative Natural Colour (NC)

lab*nrj	1.0	0.0	0.0
lab*nce	1.0	0.0	0.0
lab*nce	0.0	0.0	1.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	1.0	(1.0)
cmv3*	0.25	0.25	0.0	(0.0)
ohv4*	0.75	0.75	1.0	1.0
cmv4*	0.25	0.25	0.0	0.0

standard and adapted CIELAB

LAB*LAB	85.73	0.0	-19.33
LAB*LABa	85.73	0.0	-19.33
LAB*TCHa	87.5	19.34	270.0

relative CIELAB lab*

lab*lab	0.875	0.0	-0.249
lab*ch	0.875	0.25	0.75
lab*nh	0.0	0.25	0.75

relative Natural Colour (NC)

lab*nrj	0.875	-0.005	-0.249
lab*nce	0.875	0.25	0.746
lab*nce	0.0	0.25	0.988

relative Inform. Technology (IT)

ohv3*	0.5	0.5	1.0	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
ohv4*	0.5	0.5	1.0	1.0
cmv4*	0.5	0.5	0.0	0.0

standard and adapted CIELAB

LAB*LAB	76.06	0.0	-38.68
LAB*LABa	76.06	0.0	-38.68
LAB*TCHa	75.0	38.69	270.0

relative CIELAB lab*

lab*lab	0.75	0.0	-0.499
lab*ch	0.75	0.5	0.75
lab*nh	0.0	0.5	0.75

relative Natural Colour (NC)

lab*nrj	0.75	-0.011	-0.499
lab*nce	0.75	0.5	0.746
lab*nce	0.0	0.5	0.988

relative Inform. Technology (IT)

ohv3*	0.25	0.25	1.0	(1.0)
cmv3*	0.75	0.75	0.0	(0.0)
ohv4*	0.25	0.25	1.0	1.0
cmv4*	0.75	0.75	0.0	0.0

standard and adapted CIELAB

LAB*LAB	66.38	0.0	-58.03
LAB*LABa	66.38	0.0	-58.03
LAB*TCHa	62.5	58.04	270.0

relative CIELAB lab*

lab*lab	0.625	0.0	-0.749
lab*ch	0.625	0.75	0.75
lab*nh	0.0	0.75	0.75

relative Natural Colour (NC)

lab*nrj	0.625	-0.018	-0.749
lab*nce	0.625	0.75	0.746
lab*nce	0.0	0.75	0.988

relative Inform. Technology (IT)

ohv3*	0.0	0.0	1.0	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
ohv4*	0.0	0.0	1.0	1.0
cmv4*	1.0	1.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	-77.37
LAB*LABa	56.71	0.0	-77.37
LAB*TCHa	50.0	77.38	270.0

relative CIELAB lab*

lab*lab	0.5	0.0	-0.999
lab*ch	0.5	1.0	0.75
lab*nh	0.0	1.0	0.75

relative Natural Colour (NC)

lab*nrj	0.5	-0.024	-0.998
lab*nce	0.5	1.0	0.988
lab*nce	0.0	1.0	0.988

SRS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

1.00

0.75

$n^* = 0.00$

0.25

$n^* = 0.25$

blackness n^*

$n^* = 0.50$

0.00

1.00

0.50

0.75

1.00

chromaticness c^*

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 305/360 = 0.847$

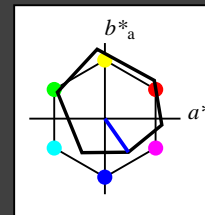
lab^*ch and lab^*nh

D65: hue V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	1.0	0.0	0.0
lab*nh	0.0	0.0	1.0

relative Natural Colour (NC)

lab*nrj	1.0	0.0	0.0
lab*nce	1.0	0.0	0.0
lab*nce	0.0	0.0	1.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	1.0	(1.0)
cmv3*	0.25	0.25	0.0	(0.0)
ohv4*	0.75	0.75	1.0	1.0
cmv4*	0.25	0.25	0.0	0.0

standard and adapted CIELAB

LAB*LAB	77.99	7.12	-7.51
LAB*LABa	77.99	7.12	-7.51
LAB*TCHa	87.5	13.55	305.0

relative CIELAB lab*

lab*lab	0.75	0.143	-0.204
lab*ch	0.875	0.25	0.847
lab*nh	0.0	0.25	0.847

relative Natural Colour (NC)

lab*nrj	0.75	0.112	-0.222
lab*nce	0.875	0.25	0.824
lab*nce	0.0	0.25	0.929

relative Inform. Technology (IT)

ohv3*	0.5	0.5	1.0	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
ohv4*	0.5	0.5	1.0	1.0
cmv4*	0.5	0.5	0.0	0.0

standard and adapted CIELAB

LAB*LAB	60.56	15.23	-19.79
LAB*LABa	60.56	15.55	-22.19
LAB*TCHa	75.0	27.1	305.0

relative CIELAB lab*

lab*lab	0.55	0.287	-0.408
lab*ch	0.75	0.5	0.847
lab*nh	0.0	0.5	0.847

relative Natural Colour (NC)

lab*nrj	0.55	0.225	-0.446
lab*nce	0.75	0.5	0.824
lab*nce	0.0	0.5	0.929

relative Inform. Technology (IT)

ohv3*	0.25	0.25	1.0	(1.0)
cmv3*	0.75	0.75	0.0	(0.0)
ohv4*	0.25	0.25	1.0	1.0
cmv4*	0.75	0.75	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	-77.37
LAB*LABa	56.71	0.0	-77.37
LAB*TCHa	50.0	77.38	270.0

relative CIELAB lab*

lab*lab	0.5	0.0	-0.999
lab*ch	0.5	1.0	0.75
lab*nh	0.0	1.0	0.75

relative Natural Colour (NC)

lab*nrj	0.5	-0.024	-0.998
lab*nce	0.5	1.0	0.988
lab*nce	0.0	1.0	0.988

relative Inform. Technology (IT)

ohv3*	0.0	0.0	1.0	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
ohv4*	0.0	0.0	1.0	1.0
cmv4*	1.0	1.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	-77.37
LAB*LABa	56.71	0.0	-77.37
LAB*TCHa	50.0	77.38	270.0

relative CIELAB lab*

lab*lab	0.25	0.143	-0.204
lab*ch	0.625	0.25	0.847
lab*nh	0.25	0.25	0.847

relative Natural Colour (NC)

lab*nrj	0.25	0.112	-0.222
lab*nce	0.625	0.25	0.824
lab*nce	0.25	0.25	0.929

relative Inform. Technology (IT)

ohv3*	0.25	0.25	1.0	(1.0)
cmv3*	0.75	0.75	0.0	(0.0)
ohv4*	0.25	0.25	1.0	1.0
cmv4*	0.75	0.75	0.0	0.0

standard and adapted CIELAB

LAB*LAB	41.22	15.6	-21.1
LAB*LABa	41.22	15.55	-22.2
LAB*TCHa	50.0	27.1	305.0

relative CIELAB lab*

lab*lab	0.325	0.43	-0.613
lab*ch	0.625	0.75	0.847
lab*nh	0.25	0.75	0.847

relative Natural Colour (NC)

lab*nrj	0.325	0.337	-0.669
lab*nce	0.625	0.75	0.824
lab*nce	0.25	0.75	0.929

relative Inform. Technology (IT)

ohv3*	0.0	0.0	1.0	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
ohv4*	0.0	0.0	1.0	1.0
cmv4*	1.0	1.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	47.04	0.0	-58.03
LAB*LABa	47.04	0.0	-58.03
LAB*TCHa	37.5	58.04	270.0

relative CIELAB lab*

lab*lab	0.375	0.0	-0.749
lab*ch	0.375	0.75	0.75
lab*nh	0.0	0.75	0.75

relative Natural Colour (NC)

lab*nrj	0.375	-0.018	-0.749
lab*nce	0.375	0.75	0.746
lab*nce	0.0	0.75	0.988

relative Inform. Technology (IT)

ohv3*	0.0	0.0	1.0	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
ohv4*	0.0	0.0	1.0	1.0
cmv4*	1.0	1.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.5	0.0	-77.37
LAB*LABa	37.5	0.0	-77.37
LAB*TCHa	37.5	13.55	305.0

relative CIELAB lab*

lab*lab	0.275	0.143	-0.204
lab*ch	0.375	0.25	0.847
lab*nh	0.275	0.25	0.847

relative Natural Colour (NC)

lab*nrj	0.275	0.112	-0.222
lab*nce	0.375	0.25	0.824
lab*nce	0.275	0.25	0.929

relative Inform. Technology (IT)

ohv3*	0.0	0.0	1.0	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
ohv4*	0.0	0.0	1.0	1.0
cmv4*	1.0	1.0	0.0	0.0

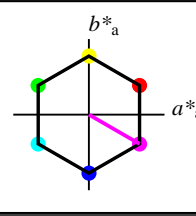
standard and adapted CIELAB

LAB*LAB	21.87	15.97	-4.4
LAB*LABa	21.87	15.55	-22.19
LAB*TC			

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 330/360 = 0.917$
 lab^*ch and lab^*nch

D65: hue M
 LCH*Ma: 57 77 330
 olv*Ma: 1.0 0.0 1.0
 triangle lightness t^*



SRS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Gamut
 $u^*_{rel} = 100$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
ohv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
ohv4*	0.0	0.0	0.0	0.0
ohv5*	0.0	0.0	0.0	0.0
ohv5*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0
LAB*Ta	99.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	1.0	0.0	0.0
lab*nch	0.0	0.0	1.0
lab*nch	0.0	0.0	1.0
ohv3*	1.0	0.75	1.0
ohv3*	0.0	0.25	0.0
ohv4*	1.0	0.75	1.0
ohv4*	0.0	0.25	0.0
ohv5*	0.0	0.25	0.0
ohv5*	0.0	0.25	0.0

relative Natural Colour (NC)

lab*lj	0.875	0.18	-0.172
lab*lj	0.875	0.18	-0.172
lab*lj	0.875	0.18	-0.172
lab*lj	0.875	0.18	-0.172
lab*lj	0.875	0.18	-0.172
lab*lj	0.875	0.18	-0.172

relative Inform. Technology (IT)

ohv3*	1.0	0.5	1.0	(1.0)
ohv3*	0.0	0.5	0.0	(0.0)
ohv4*	1.0	0.5	1.0	1.0
ohv4*	0.0	0.5	0.0	0.0
ohv5*	0.0	0.5	0.0	0.0
ohv5*	0.0	0.5	0.0	0.0

standard and adapted CIELAB

LAB*LAB	76.06	33.51	-19.34
LAB*LAB	76.06	33.51	-19.34
LAB*Ta	87.5	19.34	33.00

relative CIELAB lab*

lab*lab	0.75	0.433	-0.249
lab*ch	0.75	0.5	0.917
lab*nch	0.0	0.5	0.917
lab*nch	0.0	0.5	0.917
ohv3*	1.0	0.25	1.0
ohv3*	0.0	0.75	0.0
ohv4*	1.0	0.25	1.0
ohv4*	0.0	0.75	0.0
ohv5*	0.0	0.75	0.0
ohv5*	0.0	0.75	0.0

relative Natural Colour (NC)

lab*lj	0.75	0.36	-0.346
lab*lj	0.75	0.36	-0.346
lab*lj	0.75	0.36	-0.346
lab*lj	0.75	0.36	-0.346
lab*lj	0.75	0.36	-0.346
lab*lj	0.75	0.36	-0.346

relative Inform. Technology (IT)

ohv3*	1.0	0.0	1.0	(1.0)
ohv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	1.0
ohv4*	0.0	0.0	0.0	0.0
ohv5*	0.0	0.0	0.0	0.0
ohv5*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	66.38	50.27	-29.01
LAB*LAB	66.38	50.27	-29.01
LAB*Ta	66.38	50.27	-29.01

relative CIELAB lab*

lab*lab	0.5	0.866	-0.499
lab*ch	0.5	1.0	0.917
lab*nch	0.0	1.0	0.917
lab*nch	0.0	1.0	0.917
ohv3*	1.0	0.0	1.0
ohv3*	0.0	0.0	0.0
ohv4*	1.0	0.0	1.0
ohv4*	0.0	0.0	0.0
ohv5*	0.0	0.0	0.0
ohv5*	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lj	0.5	0.72	-0.692
lab*lj	0.5	0.72	-0.692
lab*lj	0.5	0.72	-0.692
lab*lj	0.5	0.72	-0.692
lab*lj	0.5	0.72	-0.692
lab*lj	0.5	0.72	-0.692

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
ohv3*	0.0	0.5	0.5	(0.0)
ohv4*	1.0	1.0	1.0	1.0
ohv4*	0.0	1.0	1.0	1.0
ohv5*	0.0	1.0	1.0	1.0
ohv5*	0.0	1.0	1.0	1.0

standard and adapted CIELAB

LAB*LAB	56.72	0.0	0.0
LAB*LAB	56.72	0.0	0.0
LAB*Ta	50.0	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.0	0.5	0.0
lab*nch	0.0	0.5	0.0
ohv3*	1.0	0.75	1.0
ohv3*	0.0	0.25	0.0
ohv4*	1.0	0.75	1.0
ohv4*	0.0	0.25	0.0
ohv5*	0.0	0.25	0.0
ohv5*	0.0	0.25	0.0

relative Natural Colour (NC)

lab*lj	0.5	0.0	0.0
lab*lj	0.5	0.0	0.0
lab*lj	0.5	0.0	0.0
lab*lj	0.5	0.0	0.0
lab*lj	0.5	0.0	0.0
lab*lj	0.5	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.5	(1.0)
ohv3*	0.0	0.5	0.0	(0.0)
ohv4*	1.0	0.5	1.0	1.0
ohv4*	0.0	0.5	0.0	0.0
ohv5*	0.0	0.5	0.0	0.0
ohv5*	0.0	0.5	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	33.52	-19.34
LAB*LAB	56.71	33.52	-19.34
LAB*Ta	50.0	37.87	33.00

relative CIELAB lab*

lab*lab	0.625	0.649	-0.374
lab*ch	0.625	0.75	0.917
lab*nch	0.0	0.75	0.917
lab*nch	0.0	0.75	0.917
ohv3*	1.0	0.25	1.0
ohv3*	0.0	0.75	0.0
ohv4*	1.0	0.25	1.0
ohv4*	0.0	0.75	0.0
ohv5*	0.0	0.75	0.0
ohv5*	0.0	0.75	0.0

relative Natural Colour (NC)

lab*lj	0.625	0.54	-0.519
lab*lj	0.625	0.54	-0.519
lab*lj	0.625	0.54	-0.519
lab*lj	0.625	0.54	-0.519
lab*lj	0.625	0.54	-0.519
lab*lj	0.625	0.54	-0.519

relative Inform. Technology (IT)

ohv3*	1.0	0.0	1.0	(1.0)
ohv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	1.0
ohv4*	0.0	0.0	0.0	0.0
ohv5*	0.0	0.0	0.0	0.0
ohv5*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	67.02	-38.68
LAB*LAB	56.71	67.02	-38.68
LAB*Ta	50.0	77.38	33.00

relative CIELAB lab*

lab*lab	0.5	0.866	-0.499
lab*ch	0.5	1.0	0.917
lab*nch	0.0	1.0	0.917
lab*nch	0.0	1.0	0.917
ohv3*	1.0	0.0	1.0
ohv3*	0.0	0.0	0.0
ohv4*	1.0	0.0	1.0
ohv4*	0.0	0.0	0.0
ohv5*	0.0	0.0	0.0
ohv5*	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lj	0.5	0.72	-0.692
lab*lj	0.5	0.72	-0.692
lab*lj	0.5	0.72	-0.692
lab*lj	0.5	0.72	-0.692
lab*lj	0.5	0.72	-0.692
lab*lj	0.5	0.72	-0.692

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
ohv3*	0.0	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	1.0
ohv4*	0.0	1.0	1.0	1.0
ohv5*	0.0	1.0	1.0	1.0
ohv5*	0.0	1.0	1.0	1.0

standard and adapted CIELAB

LAB*LAB	37.37	0.0	0.0
LAB*LAB	37.37	0.0	0.0
LAB*Ta	25.0	0.01	-

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.25	0.0
lab*nch	0.0	0.25	0.0
ohv3*	1.0	0.75	1.0
ohv3*	0.0	0.25	0.0
ohv4*	1.0	0.75	1.0
ohv4*	0.0	0.25	0.0
ohv5*	0.0	0.25	0.0
ohv5*	0.0	0.25	0.0

relative Natural Colour (NC)

lab*lj	0.25	0.18	-0.172
lab*lj	0.25	0.18	-0.172
lab*lj	0.25	0.18	-0.172
lab*lj	0.25	0.18	-0.172
lab*lj	0.25	0.18	-0.172
lab*lj	0.25	0.18	-0.172

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.5	(1.0)
ohv3*	0.0	0.5	0.0	(0.0)
ohv4*	1.0	0.5	1.0	1.0
ohv4*	0.0	0.5	0.0	0.0
ohv5*	0.0	0.5	0.0	0.0
ohv5*	0.0	0.5	0.0	0.0

standard and adapted CIELAB

LAB*LAB	47.04	33.52	-19.34
LAB*LAB	47.04	33.52	-19.34
LAB*Ta	37.5	33.52	33.00

relative CIELAB lab*

lab*lab	0.375	0.649	-0.374
lab*ch	0.375	0.75	0.917
lab*nch	0.0	0.75	0.917
lab*nch	0.0	0.75	0.917
ohv3*	1.0	0.25	1.0
ohv3*	0.0	0.75	0.0
ohv4*	1.0	0.25	1.0
ohv4*	0.0	0.75	0.0
ohv5*	0.0	0.75	0.0
ohv5*	0.0	0.75	0.0

relative Natural Colour (NC)

lab*lj	0.375	0.54	-0.519
lab*lj	0.375	0.54	-0.519
lab*lj	0.375	0.54	-0.519
lab*lj	0.375	0.54	-0.519
lab*lj	0.375	0.54	-0.519
lab*lj	0.375	0.54	-0.519

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
ohv3*	0.0	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	1.0
ohv4*	0.0	1.0	1.0	1.0
ohv5*	0.0	1.0	1.0	1.0
ohv5*	0.0	1.0	1.0	1.0

standard and adapted CIELAB

LAB*LAB	25.0	0.0	0.0
LAB*LAB	25.0	0.0	0.0
LAB*Ta	25.0	0.01	-

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.25	0.0
lab*nch	0.0	0.25	0.0
ohv3*	1.0	0.75	1.0
ohv3*	0.0	0.25	0.0
ohv4*	1.0	0.75	1.0
ohv4*	0.0	0.25	0.0
ohv5*	0.0	0.25	0.0
ohv5*	0.0	0.25	0.0

relative Natural Colour (NC)

lab*lj	0.25	0.18	-0.172
lab*lj	0.25	0.18	-0.172
lab*lj	0.25	0.18	-0.172
lab*lj	0.25	0.18	-0.172
lab*lj	0.25	0.18	-0.172
lab*lj	0.25	0.18	-0.172

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
ohv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
ohv4*	0.0	1.0	1.0	1.0
ohv5*	0.0	1.0	1.0	1.0
ohv5*	0.0	1.0	1.0	1.0

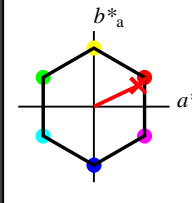
standard and adapted CIELAB

LAB*LAB	18.03	0.0	0.0
LAB*LAB	18.03	0.0	0.0

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 25/360 = 0.071$
 lab^*ch and lab^*nch

D65: hue R
 LCH*Ma: 57 74 25
 olv*Ma: 1.0 0.0 0.09
 triangle lightness t^*



SRS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Gamut

$u^*_{rel} = 100$

%Regularity

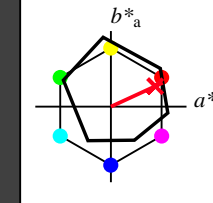
$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 25/360 = 0.069$
 lab^*ch and lab^*nch

D65: hue R
 LCH*Ma: 48 75 25
 olv*Ma: 1.0 0.0 0.32
 triangle lightness t^*



ORS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

%Gamut

$u^*_{rel} = 93$

%Regularity

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

relative Inform. Technology (IT)

ohv13*	1.0	1.0	1.0	(1.0)
cmv23*	0.0	0.0	0.0	(0.0)
ohv14*	1.0	1.0	1.0	(1.0)
cmv24*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCa	99.99	0.01	-	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	-
lab*ch	1.0	0.0	0.0	-
lab*nch	0.0	0.0	0.0	-
relative Natural Colour (NC)	lab*lrj	0.0	0.0	-
lab*lrj	0.0	0.0	0.0	-
lab*icc	1.0	0.0	0.0	-
lab*ncc	0.0	0.0	0.0	-

relative Inform. Technology (IT)

ohv13*	1.0	0.75	0.772	(1.0)
cmv23*	0.0	0.25	0.228	(0.0)
ohv14*	1.0	0.75	0.772	(1.0)
cmv24*	0.0	0.25	0.228	(0.0)
standard and adapted CIELAB	LAB*LAB	85.73	16.75	7.98
LAB*LAB	85.73	16.75	7.98	0.0
LAB*TCa	87.5	18.56	25.48	-

relative CIELAB lab*

lab*lab	0.875	0.25	0.071	-
lab*ch	0.875	0.25	0.071	-
lab*nch	0.0	0.25	0.071	-
relative Natural Colour (NC)	lab*lrj	0.875	0.25	0.0
lab*lrj	0.875	0.25	0.0	-
lab*icc	0.875	0.25	1.0	-
lab*ncc	0.0	0.25	0.999	-

relative Inform. Technology (IT)

ohv13*	1.0	0.5	0.544	(1.0)
cmv23*	0.0	0.5	0.456	(0.0)
ohv14*	1.0	0.5	0.544	(1.0)
cmv24*	0.0	0.5	0.456	(0.0)
standard and adapted CIELAB	LAB*LAB	76.06	33.51	15.97
LAB*LAB	76.06	33.51	15.97	0.0
LAB*TCa	75.0	37.12	25.48	-

relative CIELAB lab*

lab*lab	0.75	0.451	0.215	-
lab*ch	0.75	0.451	0.215	-
lab*nch	0.0	0.451	0.215	-
relative Natural Colour (NC)	lab*lrj	0.75	0.451	0.0
lab*lrj	0.75	0.451	0.0	-
lab*icc	0.75	0.451	1.0	-
lab*ncc	0.0	0.451	0.999	-

relative Inform. Technology (IT)

ohv13*	1.0	0.25	0.316	(1.0)
cmv23*	0.0	0.75	0.684	(0.0)
ohv14*	1.0	0.25	0.316	(1.0)
cmv24*	0.0	0.75	0.684	(0.0)
standard and adapted CIELAB	LAB*LAB	66.38	50.27	23.95
LAB*LAB	66.38	50.27	23.95	0.0
LAB*TCa	62.5	55.68	25.48	-

relative CIELAB lab*

lab*lab	0.625	0.677	0.323	-
lab*ch	0.625	0.677	0.323	-
lab*nch	0.0	0.677	0.323	-
relative Natural Colour (NC)	lab*lrj	0.625	0.677	0.0
lab*lrj	0.625	0.677	0.0	-
lab*icc	0.625	0.677	1.0	-
lab*ncc	0.0	0.677	0.999	-

relative Inform. Technology (IT)

ohv13*	1.0	0.087	0.1087	(1.0)
cmv23*	0.0	0.913	0.8913	(0.0)
ohv14*	1.0	0.087	0.1087	(1.0)
cmv24*	0.0	0.913	0.8913	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	67.02	31.94
LAB*LAB	56.71	67.02	31.94	0.0
LAB*TCa	50.0	74.24	25.48	-

relative CIELAB lab*

lab*lab	0.5	0.903	0.43	-
lab*ch	0.5	0.903	0.43	-
lab*nch	0.0	0.903	0.43	-
relative Natural Colour (NC)	lab*lrj	0.5	0.903	0.0
lab*lrj	0.5	0.903	0.0	-
lab*icc	0.5	0.903	1.0	-
lab*ncc	0.0	0.903	0.999	-

relative Inform. Technology (IT)

ohv13*	0.75	0.75	0.75	(1.0)
cmv23*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	1.0	(1.0)
cmv24*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	76.07	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0
LAB*TCa	75.0	0.01	-	-

relative CIELAB lab*

lab*lab	0.75	0.0	0.0	-
lab*ch	0.75	0.0	0.0	-
lab*nch	0.0	0.0	0.0	-
relative Natural Colour (NC)	lab*lrj	0.75	0.0	0.0
lab*lrj	0.75	0.0	0.0	-
lab*icc	0.75	0.0	1.0	-
lab*ncc	0.0	0.0	0.999	-

relative Inform. Technology (IT)

ohv13*	0.75	0.5	0.524	(1.0)
cmv23*	0.0	0.5	0.476	(0.0)
ohv14*	1.0	0.75	0.772	(1.0)
cmv24*	0.0	0.25	0.228	(0.0)
standard and adapted CIELAB	LAB*LAB	66.39	16.76	7.99
LAB*LAB	66.39	16.76	7.99	0.0
LAB*TCa	62.5	18.56	25.48	-

relative CIELAB lab*

lab*lab	0.625	0.625	0.226	0.108
lab*ch	0.625	0.25	0.071	0.0
lab*nch	0.0	0.25	0.071	0.0
relative Natural Colour (NC)	lab*lrj	0.625	0.25	0.0
lab*lrj	0.625	0.25	0.0	-
lab*icc	0.625	0.25	1.0	-
lab*ncc	0.0	0.25	0.999	-

relative Inform. Technology (IT)

ohv13*	0.75	0.25	0.252	(1.0)
cmv23*	0.0	0.75	0.704	(0.0)
ohv14*	1.0	0.5	0.544	(1.0)
cmv24*	0.0	0.5	0.456	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	33.52	15.97
LAB*LAB	56.71	33.52	15.97	0.0
LAB*TCa	50.0	37.12	25.48	-

relative CIELAB lab*

lab*lab	0.5	0.451	0.215	-
lab*ch	0.5	0.451	0.215	-
lab*nch	0.0	0.451	0.215	-
relative Natural Colour (NC)	lab*lrj	0.5	0.451	0.0
lab*lrj	0.5	0.451	0.0	-
lab*icc	0.5	0.451	1.0	-
lab*ncc	0.0	0.451	0.999	-

relative Inform. Technology (IT)

ohv13*	0.5	0.5	0.5	(0.0)
cmv23*	0.0	0.5	0.5	(0.0)
ohv14*	1.0	1.0	1.0	(1.0)
cmv24*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	-0.24	2.14
LAB*LAB	56.71	-0.24	2.14	0.0
LAB*TCa	50.0	0.01	-	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	-
lab*ch	0.5	0.0	0.0	-
lab*nch	0.0	0.0	0.0	-
relative Natural Colour (NC)	lab*lrj	0.5	0.0	0.0
lab*lrj	0.5	0.0	0.0	-
lab*icc	0.5	0.0	1.0	-
lab*ncc	0.0	0.0	0.999	-

relative Inform. Technology (IT)

ohv13*	0.75	0.25	0.411	(1.0)
cmv23*	0.0	0.75	0.589	(0.0)
ohv14*	1.0	0.5	0.661	(1.0)
cmv24*	0.0	0.5	0.339	(0.0)
standard and adapted CIELAB	LAB*LAB	52.36	34.13	17.62
LAB*LAB	52.36	34.13	17.62	0.0
LAB*TCa	50.0	37.74	24.7	-

relative CIELAB lab*

lab*lab	0.694	0.454	0.209	-
lab*ch	0.694	0.454	0.209	-
lab*nch	0.0	0.454	0.209	-
relative Natural Colour (NC)	lab*lrj	0.694	0.454	0.0
lab*lrj	0.694	0.454	0.0	-
lab*icc	0.694	0.454	1.0	-
lab*ncc	0.0	0.454	0.999	-

relative Inform. Technology (IT)

ohv13*	0.5	0.5	0.5	(0.0)
cmv23*	0.0	0.5	0.5	(0.0)
ohv14*	1.0	1.0	1.0	(1.0)
cmv24*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	56.72	0.0	0.0
LAB*LAB	56.72	0.0	0.0	0.0
LAB*TCa	50.0	0.01	-	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	-
lab*ch	0.5	0.0	0.0	-
lab*nch	0.0	0.0	0.0	-
relative Natural Colour (NC)	lab*lrj	0.5	0.0	0.0
lab*lrj	0.5	0.0	0.0	-
lab*icc	0.5	0.0	1.0	-
lab*ncc	0.0	0.0	0.999	-

relative Inform. Technology (IT)

ohv13*	0.5	0.25	0.252	(1.0)
cmv23*	0.0	0.75	0.704	(0.0)
ohv14*	1.0	0.5	0.544	(1.0)
cmv24*	0.0	0.5	0.456	(0.0)
standard and adapted CIELAB	LAB*LAB	47.04	50.27	23.96
LAB*LAB	47.04	50.27	23.96	0.0
LAB*TCa	37.5	55.68	25.48	-

relative CIELAB lab*

lab*lab	0.375	0.677	0.323	-
lab*ch	0.375	0.677	0.323	-
lab*nch	0.0	0.677	0.323	-
relative Natural Colour (NC)	lab*lrj	0.375	0.677	0.0
lab*lrj	0.375	0.677	0.0	-
lab*icc	0.375	0.677	1.0	-
lab*ncc	0.0	0.677	0.999	-

relative Inform. Technology (IT)

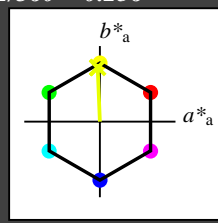
ohv13*	0.25
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Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 92/360 = 0.256$
 lab^*ch and lab^*nch

D65: hue J
 LCH*Ma: 57 76 92
 olv*Ma: 0.95 1.0 0.0

triangle lightness t^*



%Gamut
 $u^*_{rel} = 100$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0	0.0
LAB*TCHa	99.99	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.989	1.0	0.75	(1.0)
cmv3*	0.011	0.0	0.25	(0.0)
ohv4*	0.989	1.0	0.75	(1.0)
cmv4*	0.011	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	85.73	-0.75	18.91
LAB*LABa	85.73	-0.75	18.91	0.0
LAB*TCHa	87.5	18.92	92.29	-

relative Inform. Technology (IT)

ohv3*	0.977	1.0	0.5	(1.0)
cmv3*	0.023	0.0	0.5	(0.0)
ohv4*	0.977	1.0	0.5	(1.0)
cmv4*	0.023	0.0	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	76.06	-1.51	37.81
LAB*LABa	76.06	-1.51	37.81	0.0
LAB*TCHa	75.0	37.84	92.3	-

relative Inform. Technology (IT)

ohv3*	0.966	1.0	0.25	(1.0)
cmv3*	0.034	0.0	0.75	(0.0)
ohv4*	0.966	1.0	0.25	(1.0)
cmv4*	0.034	0.0	0.75	(0.0)
standard and adapted CIELAB	LAB*LAB	66.38	-2.27	56.72
LAB*LABa	66.38	-2.27	56.72	0.0
LAB*TCHa	62.5	56.77	92.31	-

relative Inform. Technology (IT)

ohv3*	0.954	1.0	0.0	(1.0)
cmv3*	0.046	0.0	1.0	(0.0)
ohv4*	0.954	1.0	0.0	(1.0)
cmv4*	0.046	0.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	-3.04	75.62
LAB*LABa	56.71	-3.04	75.62	0.0
LAB*TCHa	50.0	75.69	92.31	-

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	76.07	0.0	0.0
LAB*LABa	76.07	0.0	0.0	0.0
LAB*TCHa	75.0	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.739	0.75	0.5	(1.0)
cmv3*	0.261	0.25	0.75	(0.0)
ohv4*	0.989	1.0	0.75	(1.0)
cmv4*	0.011	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	66.39	-0.75	18.91
LAB*LABa	66.39	-0.75	18.91	0.0
LAB*TCHa	62.5	18.92	92.31	-

relative Inform. Technology (IT)

ohv3*	0.727	0.75	0.25	(1.0)
cmv3*	0.273	0.25	0.75	(0.0)
ohv4*	0.977	1.0	0.5	(1.0)
cmv4*	0.023	0.0	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	-1.52	37.82
LAB*LABa	56.71	-1.52	37.82	0.0
LAB*TCHa	50.0	37.85	92.31	-

relative Inform. Technology (IT)

ohv3*	0.625	-0.029	0.749	(1.0)
cmv3*	0.625	0.75	0.256	(0.0)
ohv4*	0.966	1.0	0.25	(1.0)
cmv4*	0.034	0.0	0.75	(0.0)
standard and adapted CIELAB	LAB*LAB	66.38	-2.27	56.72
LAB*LABa	66.38	-2.27	56.72	0.0
LAB*TCHa	62.5	56.77	92.31	-

relative Inform. Technology (IT)

ohv3*	0.954	1.0	0.0	(1.0)
cmv3*	0.046	0.0	1.0	(0.0)
ohv4*	0.954	1.0	0.0	(1.0)
cmv4*	0.046	0.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	-3.04	75.62
LAB*LABa	56.71	-3.04	75.62	0.0
LAB*TCHa	50.0	75.69	92.31	-

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	56.72	0.0	0.0
LAB*LABa	56.72	0.0	0.0	0.0
LAB*TCHa	50.0	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.489	0.5	0.25	(1.0)
cmv3*	0.511	0.5	0.75	(0.0)
ohv4*	0.989	1.0	0.75	(1.0)
cmv4*	0.011	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	47.0	-0.75	18.91
LAB*LABa	47.0	-0.75	18.91	0.0
LAB*TCHa	47.0	-0.75	18.91	0.0

relative Inform. Technology (IT)

ohv3*	0.477	0.5	0.0	(1.0)
cmv3*	0.523	0.5	0.0	(0.0)
ohv4*	0.977	1.0	0.25	(1.0)
cmv4*	0.023	0.0	0.75	(0.0)
standard and adapted CIELAB	LAB*LAB	47.0	-1.52	37.81
LAB*LABa	47.0	-1.52	37.81	0.0
LAB*TCHa	37.5	18.92	92.31	-

relative Inform. Technology (IT)

ohv3*	0.715	0.75	0.0	(1.0)
cmv3*	0.284	0.25	1.0	(0.0)
ohv4*	0.966	1.0	0.25	(1.0)
cmv4*	0.034	0.0	0.75	(0.0)
standard and adapted CIELAB	LAB*LAB	47.0	-2.28	56.72
LAB*LABa	47.0	-2.28	56.72	0.0
LAB*TCHa	37.51	56.77	92.31	-

relative Inform. Technology (IT)

ohv3*	0.954	1.0	0.0	(1.0)
cmv3*	0.046	0.0	1.0	(0.0)
ohv4*	0.954	1.0	0.0	(1.0)
cmv4*	0.046	0.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	-3.04	75.62
LAB*LABa	56.71	-3.04	75.62	0.0
LAB*TCHa	50.0	75.69	92.31	-

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	37.5	0.0	0.0
LAB*LABa	37.5	0.0	0.0	0.0
LAB*TCHa	37.5	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.375	-0.029	0.249	(1.0)
cmv3*	0.375	0.25	0.256	(0.0)
ohv4*	0.966	1.0	0.25	(1.0)
cmv4*	0.034	0.0	0.75	(0.0)
standard and adapted CIELAB	LAB*LAB	47.0	-2.28	56.72
LAB*LABa	47.0	-2.28	56.72	0.0
LAB*TCHa	37.51	56.77	92.31	-

relative Inform. Technology (IT)

ohv3*	0.715	0.75	0.0	(1.0)
cmv3*	0.284	0.25	1.0	(0.0)
ohv4*	0.966	1.0	0.25	(1.0)
cmv4*	0.034	0.0	0.75	(0.0)
standard and adapted CIELAB	LAB*LAB	47.0	-2.28	56.72
LAB*LABa	47.0	-2.28	56.72	0.0
LAB*TCHa	37.51	56.77	92.31	-

relative Inform. Technology (IT)

ohv3*	0.954	1.0	0.0	(1.0)
cmv3*	0.046	0.0	1.0	(0.0)
ohv4*	0.954	1.0	0.0	(1.0)
cmv4*	0.046	0.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	-3.04	75.62
LAB*LABa	56.71	-3.04	75.62	0.0
LAB*TCHa	50.0	75.69	92.31	-

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	37.5	0.0	0.0
LAB*LABa	37.5	0.0	0.0	0.0
LAB*TCHa	37.5	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0	0.0
LAB*TCHa	18.03	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.125	-0.009	0.25	(1.0)
cmv3*	0.125	0.25	0.256	(0.0)
ohv4*	0.989	1.0	0.25	(1.0)
cmv4*	0.011	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	27.69	-0.75	18.9
LAB*LABa	27.69	-0.75	18.9	0.0
LAB*TCHa	12.5	18.92	92.31	-

relative Inform. Technology (IT)

ohv3*	0.125	0.25	0.0	(1.0)
cmv3*	0.125	0.25	0.256	(0.0)
ohv4*	0.989	1.0	0.25	(1.0)
cmv4*	0.011	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	27.69	-1.52	37.81
LAB*LABa	27.69	-1.52	37.81	0.0
LAB*TCHa	12.5	18.92	92.31	-

relative Inform. Technology (IT)

ohv3*	0.715	0.75	0.0	(1.0)
cmv3*	0.284	0.25	1.0	(0.0)
ohv4*	0.966	1.0	0.25	(1.0)
cmv4*	0.034	0.0	0.75	(0.0)
standard and adapted CIELAB	LAB*LAB	47.0	-2.28	56.72
LAB*LABa	47.0	-2.28	56.72	0.0
LAB*TCHa	37.51	56.77	92.31	-

relative Inform. Technology (IT)

ohv3*	0.954	1.0	0.0	(1.0)
cmv3*	0.046	0.0	1.0	(0.0)
ohv4*	0.954	1.0	0.0	(1.0)
cmv4*	0.046	0.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	-3.04	75.62
LAB*LABa	56.71	-3.04	75.62	0.0
LAB*TCHa	50.0	75.69	92.31	-

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0	0.0
LAB*TCHa	18.03	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0	0.0
LAB*TCHa	18.03	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0	0.0
LAB*TCHa	18.03	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0	0.0
LAB*TCHa	18.03	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0	0.0
LAB*TCHa	18.03	0.01	-	-

NE570-7, 5 step scales for constant CIELAB hue 92/360 = 0.256 (left)

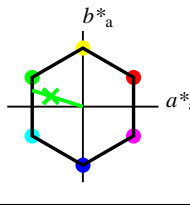
5 step scales for constant CIELAB hue 92/360 = 0

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 162/360 = 0.451$
 lab^*ch and lab^*nch

D65: hue G
 LCH*Ma: 57 70 162
 olv*Ma: 0.0 1.0 0.22

triangle lightness t^*



%Gamut

$u^*_{rel} = 100$

SRS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	56.71	67.03	38.7	77.4	30
YMa	56.71	0.0	77.4	77.4	90
LMa	56.71	-67.02	38.7	77.4	150
CMa	56.71	-67.02	-38.69	77.4	210
VMa	56.71	0.0	-77.39	77.4	270
MMa	56.71	67.03	-38.69	77.4	330
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)	olv ³ *	0.0	1.0	1.0	(1.0)
cmyns*	0.0	0.0	0.0	0.0	(0.0)
olv ⁴ *	1.0	1.0	1.0	1.0	(1.0)
cmyns*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	95.41	0.0	0.0	0.0
LAB*LABa	95.41	0.0	0.0	0.0	0.0
LAB*TCHa	99.99	0.01	0.0	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.75	1.0	0.806	(1.0)
cmyns*	0.25	0.0	0.194	0.25	(1.0)
olv ⁴ *	0.75	1.0	0.806	1.0	(1.0)
cmyns*	0.25	0.0	0.194	0.25	(1.0)
standard and adapted CIELAB	LAB*LAB	95.41	0.0	0.0	0.0
LAB*LABa	85.73	-16.74	5.37	0.0	0.0
LAB*LABb	85.73	-16.74	5.37	0.0	0.0
LAB*TCHa	87.5	17.59	162.23	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.5	1.0	0.611	(1.0)
cmyns*	0.5	0.0	0.389	0.5	(1.0)
olv ⁴ *	1.0	1.0	0.611	1.0	(1.0)
cmyns*	0.5	0.0	0.389	0.5	(1.0)
standard and adapted CIELAB	LAB*LAB	76.06	-33.5	10.74	0.0
LAB*LABa	76.06	-33.5	10.74	0.0	0.0
LAB*LABb	76.06	-33.5	10.74	0.0	0.0
LAB*TCHa	75.0	35.19	162.23	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.5	1.0	0.451	(1.0)
cmyns*	0.75	0.0	0.583	0.75	(1.0)
olv ⁴ *	1.0	1.0	0.451	1.0	(1.0)
cmyns*	0.75	0.0	0.583	0.75	(1.0)
standard and adapted CIELAB	LAB*LAB	66.38	-50.26	16.11	0.0
LAB*LABa	66.38	-50.26	16.11	0.0	0.0
LAB*LABb	66.38	-50.26	16.11	0.0	0.0
LAB*TCHa	62.5	52.79	162.23	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.25	1.0	0.222	(1.0)
cmyns*	1.0	0.0	0.778	1.0	(1.0)
olv ⁴ *	1.0	1.0	0.222	1.0	(1.0)
cmyns*	1.0	0.0	0.778	1.0	(1.0)
standard and adapted CIELAB	LAB*LAB	56.71	-67.01	21.49	0.0
LAB*LABa	56.71	-67.01	21.49	0.0	0.0
LAB*LABb	56.71	-67.01	21.49	0.0	0.0
LAB*TCHa	50.0	70.38	162.22	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.0	1.0	0.0	(1.0)
cmyns*	0.5	0.5	0.5	0.5	(0.0)
olv ⁴ *	1.0	1.0	1.0	1.0	(0.5)
cmyns*	0.5	0.5	0.5	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	-67.01	21.49	0.0
LAB*LABa	56.71	-67.01	21.49	0.0	0.0
LAB*LABb	56.71	-67.01	21.49	0.0	0.0
LAB*TCHa	50.0	70.38	162.22	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.0	1.0	0.0	(1.0)
cmyns*	0.5	0.5	0.5	0.5	(0.0)
olv ⁴ *	1.0	1.0	1.0	1.0	(0.5)
cmyns*	0.5	0.5	0.5	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	-67.01	21.49	0.0
LAB*LABa	56.71	-67.01	21.49	0.0	0.0
LAB*LABb	56.71	-67.01	21.49	0.0	0.0
LAB*TCHa	50.0	70.38	162.22	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.25	1.0	0.312	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
olv ⁴ *	1.0	1.0	0.312	1.0	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
standard and adapted CIELAB	LAB*LAB	46.06	-13.74	5.24	0.0
LAB*LABa	46.06	-13.74	5.24	0.0	0.0
LAB*LABb	46.06	-13.74	5.24	0.0	0.0
LAB*TCHa	37.5	14.23	164.45	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.25	1.0	0.312	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
olv ⁴ *	1.0	1.0	0.312	1.0	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
standard and adapted CIELAB	LAB*LAB	46.06	-13.74	5.24	0.0
LAB*LABa	46.06	-13.74	5.24	0.0	0.0
LAB*LABb	46.06	-13.74	5.24	0.0	0.0
LAB*TCHa	37.5	14.23	164.45	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.25	1.0	0.312	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
olv ⁴ *	1.0	1.0	0.312	1.0	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
standard and adapted CIELAB	LAB*LAB	46.06	-13.74	5.24	0.0
LAB*LABa	46.06	-13.74	5.24	0.0	0.0
LAB*LABb	46.06	-13.74	5.24	0.0	0.0
LAB*TCHa	37.5	14.23	164.45	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.75	1.0	0.75	(1.0)
cmyns*	0.25	0.25	0.25	0.25	(1.0)
olv ⁴ *	1.0	1.0	1.0	1.0	(0.75)
cmyns*	0.25	0.25	0.25	0.25	(1.0)
standard and adapted CIELAB	LAB*LAB	76.07	0.0	0.0	0.0
LAB*LABa	76.07	0.0	0.0	0.0	0.0
LAB*LABb	76.07	0.0	0.0	0.0	0.0
LAB*TCHa	75.0	0.01	0.0	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.75	1.0	0.562	(1.0)
cmyns*	0.5	0.0	0.438	0.5	(1.0)
olv ⁴ *	1.0	1.0	0.562	1.0	(1.0)
cmyns*	0.5	0.0	0.438	0.5	(1.0)
standard and adapted CIELAB	LAB*LAB	66.39	-16.75	5.37	0.0
LAB*LABa	66.39	-16.75	5.37	0.0	0.0
LAB*LABb	66.39	-16.75	5.37	0.0	0.0
LAB*TCHa	62.5	17.59	162.23	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.5	1.0	0.451	(1.0)
cmyns*	0.75	0.0	0.611	0.75	(1.0)
olv ⁴ *	1.0	1.0	0.451	1.0	(1.0)
cmyns*	0.75	0.0	0.611	0.75	(1.0)
standard and adapted CIELAB	LAB*LAB	56.71	-67.01	21.49	0.0
LAB*LABa	56.71	-67.01	21.49	0.0	0.0
LAB*LABb	56.71	-67.01	21.49	0.0	0.0
LAB*TCHa	50.0	70.38	162.22	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.25	1.0	0.222	(1.0)
cmyns*	1.0	0.0	0.778	1.0	(1.0)
olv ⁴ *	1.0	1.0	0.222	1.0	(1.0)
cmyns*	1.0	0.0	0.778	1.0	(1.0)
standard and adapted CIELAB	LAB*LAB	56.71	-67.01	21.49	0.0
LAB*LABa	56.71	-67.01	21.49	0.0	0.0
LAB*LABb	56.71	-67.01	21.49	0.0	0.0
LAB*TCHa	50.0	70.38	162.22	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.0	1.0	0.0	(1.0)
cmyns*	0.5	0.5	0.5	0.5	(0.0)
olv ⁴ *	1.0	1.0	1.0	1.0	(0.5)
cmyns*	0.5	0.5	0.5	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	-67.01	21.49	0.0
LAB*LABa	56.71	-67.01	21.49	0.0	0.0
LAB*LABb	56.71	-67.01	21.49	0.0	0.0
LAB*TCHa	50.0	70.38	162.22	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.25	1.0	0.312	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
olv ⁴ *	1.0	1.0	0.312	1.0	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
standard and adapted CIELAB	LAB*LAB	46.06	-13.74	5.24	0.0
LAB*LABa	46.06	-13.74	5.24	0.0	0.0
LAB*LABb	46.06	-13.74	5.24	0.0	0.0
LAB*TCHa	37.5	14.23	164.45	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.25	1.0	0.312	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
olv ⁴ *	1.0	1.0	0.312	1.0	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
standard and adapted CIELAB	LAB*LAB	46.06	-13.74	5.24	0.0
LAB*LABa	46.06	-13.74	5.24	0.0	0.0
LAB*LABb	46.06	-13.74	5.24	0.0	0.0
LAB*TCHa	37.5	14.23	164.45	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.25	1.0	0.312	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
olv ⁴ *	1.0	1.0	0.312	1.0	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
standard and adapted CIELAB	LAB*LAB	46.06	-13.74	5.24	0.0
LAB*LABa	46.06	-13.74	5.24	0.0	0.0
LAB*LABb	46.06	-13.74	5.24	0.0	0.0
LAB*TCHa	37.5	14.23	164.45	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.25	1.0	0.312	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
olv ⁴ *	1.0	1.0	0.312	1.0	(1.0)
cmyns*	0.75	0.0	0.688	0.75	(1.0)
standard and adapted CIELAB	LAB*LAB	46.06	-13.74	5.24	0.0
LAB*LABa	46.06	-13.74	5.24	0.0	0.0
LAB*LABb	46.06	-13.74	5.24	0.0	0.0
LAB*TCHa	37.5	14.23	164.45	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.0	1.0	0.0	(1.0)
cmyns*	0.5	0.5	0.5	0.5	(0.0)
olv ⁴ *	1.0	1.0	1.0	1.0	(0.5)
cmyns*	0.5	0.5	0.5	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	56.71	-67.01	21.49	0.0
LAB*LABa	56.71	-67.01	21.49	0.0	0.0
LAB*LABb	56.71	-67.01	21.49	0.0	0.0
LAB*TCHa	50.0	70.38	162.22	0.0	0.0

relative Inform. Technology (IT)	olv ³ *	0.75	1.0	0.75	(
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