

Colour F and 9 others	Relation of colorimetric colour coordinates in colour triangle of hue $h^*=const$ Formula are based on given data of chromaticness c^* and brillianthness i^*					
$(c^*,i^*)=(0.3,0.70)$ 	blackness $n^* = 1 - i^*$	chromatic-ness c^*	whiteness $w^* = i^* - c^*$	deepness $d^* = 1 - i^* + c^*$	brilliantness i^*	triangle lightness $t^* = i^* - 0.5 c^*$
Colour N	1	0	0	1	0	0
Colour M	0	1	0	1	1	0.5
Colour W	0	0	1	0	1	1
Colour 1	0	c^*	$1 - c^*$	c^*	1	$1 - 0.5c^*$
Colour 2=S	0	c^*/i^*	$1 - c^*/i^*$	c^*/i^*	1	$1 - 0.5c^*/i^*$
Colour 3	0	$1 - i^* + c^*$	$i^* - c^*$	$1 - i^* + c^*$	1	$1 - 0.5(1 - i^* + c^*)$
Colour 4	$1 - i^*$	i^*	0	1	i^*	$0.5i^*$
Colour 5=Q	$(1 - i^*) / (1 - i^* + c^*)$	$c^* / (1 - i^* + c^*)$	0	1	$c^* / (1 - i^* + c^*)$	$0.5c^* / (1 - i^* + c^*)$
Colour 6	$1 - c^*$	c^*	0	1	c^*	$0.5c^*$
Colour 7	i^*	0	$1 - i^*$	i^*	$1 - i^*$	$1 - i^*$
Colour 8	$i^* - 0.5c^*$	0	$1 - i^* + 0.5c^*$	$i^* - 0.5c^*$	$1 - i^* + 0.5c^*$	$1 - i^* + 0.5c^*$
Colour 9	$i^* - c^*$	0	$1 - i^* + c^*$	$i^* - c^*$	$1 - i^* + c^*$	$1 - i^* + c^*$

LE560-3, colorimetric relationship of colour triangle points N, W, M and others

Colour F and 9 others	Relation of colorimetric coordinates in colour triangle of hue $h^*=const$ Formula are based on given data of chromaticness c^* and triangle lightness t^*					
$(c^*,t^*)=(0.3,0.5)$ 	blackness $n^* = 1 - t^* - 0.5 c^*$	chromatic-ness c^*	whiteness $w^* = t^* - 0.5 c^*$	deepness $d^* = 1 - t^* + 0.5 c^*$	brilliantness $i^* = t^* + 0.5 c^*$	triangle lightness t^*
Colour N	1	0	0	1	0	0
Colour M	0	1	0	1	1	0.5
Colour W	0	0	1	0	1	1
Colour 1	0	c^*	$1 - c^*$	c^*	1	$1 - 0.5c^*$
Colour 2=S	0	$c^*/(t^* + 0.5c^*)$	$1 - c^*/(t^* + 0.5c^*)$	$c^*/(t^* + 0.5c^*)$	1	$1 - 0.5c^*/(t^* + 0.5c^*)$
Colour 3	0	$1 - t^* + 0.5c^*$	$t^* - 0.5c^*$	$1 - t^* + 0.5c^*$	1	$1 - 0.5(1 - t^* + 0.5c^*)$
Colour 4	$1 - t^* - 0.5c^*$	$t^* + 0.5c^*$	0	1	$t^* + 0.5c^*$	$0.5(t^* + 0.5c^*)$
Colour 5=Q	$1 + c^*/(1 - t^* + 0.5c^*)$	$c^*/(1 - t^* + 0.5c^*)$	0	1	$c^*/(1 - t^* + 0.5c^*)$	$0.5c^*/(1 - t^* + 0.5c^*)$
Colour 6	$1 - c^*$	c^*	0	1	c^*	$0.5c^*$
Colour 7	$t^* + 0.5c^*$	0	$1 - t^* - 0.5c^*$	$t^* + 0.5c^*$	$1 - t^* - 0.5c^*$	$1 - t^* - 0.5c^*$
Colour 8	t^*	0	$1 - t^*$	t^*	$1 - t^*$	$1 - t^*$
Colour 9	$t^* - 0.5c^*$	0	$1 - t^* + 0.5c^*$	$t^* - 0.5c^*$	$1 - t^* + 0.5c^*$	$1 - t^* + 0.5c^*$

LE561-3, colorimetric relationship of colour triangle points N, W, M and others

Colour F and 9 others	Relation of colorimetric colour coordinates in colour triangle of hue $h^*=const$ Formula are based on given data of chromaticness c^* and brillianthness i^*					
$(c^*,i^*)=(0.3,0.70)$ 	blackness $n^* = 1 - i^*$ $n^* = 0.35$	chromatic-ness c^* $c^* = 0.30$	whiteness $w^* = i^* - c^*$ $w^* = 0.35$	deepness $d^* = 1 - i^* + c^*$ $d^* = 0.65$	brilliantness i^* $i^* = 0.70$	triangle lightness $t^* = i^* - 0.5 c^*$ $t^* = 0.50$
Colour 1	0	c^*	$1 - c^*$	c^*	1	$1 - 0.5c^*$
Colour 2=S	0	c^*/i^*	$1 - c^*/i^*$	c^*/i^*	1	$1 - 0.5c^*/i^*$
Colour 3	0	$1 - i^* + c^*$	$i^* - c^*$	$1 - i^* + c^*$	1	$1 - 0.5(1 - i^* + c^*)$
Colour 4	$1 - i^*$	i^*	0	1	i^*	$0.5i^*$
Colour 5=Q	$(1 - i^*) / (1 - i^* + c^*)$	$c^* / (1 - i^* + c^*)$	0	1	$c^* / (1 - i^* + c^*)$	$0.5c^* / (1 - i^* + c^*)$
Colour 6	$1 - c^*$	c^*	0	1	c^*	$0.5c^*$
Colour 7	i^*	0	$1 - i^*$	i^*	$1 - i^*$	$1 - i^*$
Colour 8	$i^* - 0.5c^*$	0	$1 - i^* + 0.5c^*$	$i^* - 0.5c^*$	$1 - i^* + 0.5c^*$	$1 - i^* + 0.5c^*$
Colour 9	$i^* - c^*$	0	$1 - i^* + c^*$	$i^* - c^*$	$1 - i^* + c^*$	$1 - i^* + c^*$

LE560-7, colorimetric relationship of colour triangle points N, W, M and others

Colour F and 9 others	Relation of colorimetric coordinates in colour triangle of hue $h^*=const$ Formula are based on given data of chromaticness c^* and triangle lightness t^*					
$(c^*,t^*)=(0.3,0.5)$ 	blackness $n^* = 1 - t^* - 0.5 c^*$ $n^* = 0.35$	chromatic-ness c^* $c^* = 0.30$	whiteness $w^* = t^* - 0.5 c^*$ $w^* = 0.35$	deepness $d^* = 1 - t^* + 0.5 c^*$ $d^* = 0.65$	brilliantness $i^* = t^* + 0.5 c^*$ $i^* = 0.70$	triangle lightness t^* $t^* = 0.50$
Colour 1	0	c^*	$1 - c^*$	c^*	1	$1 - 0.5c^*$
Colour 2=S	0	$c^*/(t^* + 0.5c^*)$	$1 - c^*/(t^* + 0.5c^*)$	$c^*/(t^* + 0.5c^*)$	1	$1 - 0.5c^*/(t^* + 0.5c^*)$
Colour 3	0	$1 - t^* + 0.5c^*$	$t^* - 0.5c^*$	$1 - t^* + 0.5c^*$	1	$1 - 0.5(1 - t^* + 0.5c^*)$
Colour 4	$1 - t^* - 0.5c^*$	$t^* + 0.5c^*$	0	1	$t^* + 0.5c^*$	$0.5(t^* + 0.5c^*)$
Colour 5=Q	$1 + c^*/(1 - t^* + 0.5c^*)$	$c^*/(1 - t^* + 0.5c^*)$	0	1	$c^*/(1 - t^* + 0.5c^*)$	$0.5c^*/(1 - t^* + 0.5c^*)$
Colour 6	$1 - c^*$	c^*	0	1	c^*	$0.5c^*$
Colour 7	$t^* + 0.5c^*$	0	$1 - t^* - 0.5c^*$	$t^* + 0.5c^*$	$1 - t^* - 0.5c^*$	$1 - t^* - 0.5c^*$
Colour 8	t^*	0	$1 - t^*$	t^*	$1 - t^*$	$1 - t^*$
Colour 9	$t^* - 0.5c^*$	0	$1 - t^* + 0.5c^*$	$t^* - 0.5c^*$	$1 - t^* + 0.5c^*$	$1 - t^* + 0.5c^*$

LE561-7, colorimetric relationship of colour triangle points N, W, M and others

BAM-LE56: Colorimetric coordinates in colour triangle for $h^*=const$ input: w^* setgray + olv*
 Defined relative chromaticness c^* and brillianthness i^* or triangle lightness t^* output: w^* setgray + olv*