***rgb* −> *rgb**$_d$**

rgb	*rgb**$_d$	$h_{ab,a}$	*L**	*a**$_a$	*b**$_a$
0	404	561	483	589	149.384	−118 70
1	434	562	486	610	155.083	−123 57
2	450	563	496	496	163.882	−118 34
3	460	565	505	505	164.582	−120 33
4	464	567	506	506	174.081	−109 11
5	470	569	520	520	193.281	−81 −19
6	475	573	528	528	205.780	−67 −32
7	480	580	537	537	205.681	−66 −32

rgb	*rgb**$_d$	$h_{ab,a}$	*L**	*a**$_a$	*b**$_a$
8	485	595	548	548	212.875	−64 −41
9	490	490	565	459	217.772	−60 −46
10	495	495	566	462	223.969	−54 −52
11	500	500	567	464	231.565	−46 −58
12	510	510	569	469	251.558	−23 −72
13	519	519	570	471	274.449	6 −86
14	529	529	573	475	284.345	23 −93
15	539	539	577	478	298.737	58 −100

rgb	*rgb**$_d$	$h_{ab,a}$	*L**	*a**$_a$	*b**$_a$
16	544	544	579	479	303.533	74 −112
17	549	549	582	480	307.229	89 −112
18	554	554	584	481	326.253	112 −75
19	560	560	589	483	331.361	107 −59
20	561	404	589	483	334.165	102 −49
21	562	434	610	486	336.567	99 −42
22	563	450	496	496	341.768	94 −31
23	565	460	505	505	342.369	92 −29

rgb	*rgb**$_d$	$h_{ab,a}$	*L**	*a**$_a$	*b**$_a$
24	567	464	506	506	351.669	85 −12
25	569	470	520	520	26.2	70 70
26	573	475	528	528	61.0	70 60
27	580	480	537	537	62.8	70 61
28	595	485	548	548	69.7	76 47
29	490	490	459	565	73.2	79 40
30	495	495	462	566	76.5	81 33
31	500	500	464	567	79.7	84 25

rgb	*rgb**$_d$	$h_{ab,a}$	*L**	*a**$_a$	*b**$_a$
32	510	510	469	569	85.7	88 10
33	519	519	471	570	91.0	92 −2
34	529	529	475	573	93.3	94 −8
35	539	539	478	577	97.5	96 −17
36	544	544	479	579	99.3	96 −20
37	549	549	480	582	101.0	97 −23
38	554	554	481	584	128.8	91 −80
39	560	560	483	589	141.8	86 −107

rgb	*rgb**$_d$	$h_{ab,a}$	*L**	*a**$_a$	*b**$_a$
40	144	404	561	483	589	149.384	−118 70
41	142	434	562	486	610	155.083	−123 57
42	140	450	563	496	496	163.882	−118 34
43	131	460	565	505	505	164.582	−120 33
44	125	464	567	506	506	174.081	−109 11
45	119	470	569	520	520	193.281	−81 −19
46	100	475	573	528	528	205.780	−67 −32
47	84	480	580	537	537	141.886	−107 84

RYGB*$_{ton}$**, 25.4, 92.3, 162.2, 271.7 ***RYGB*$_{all}$:** 25.4 42.1 58.8 75.6 92.3 109.7 127.2 144.7 162.2 189.6 216.9 244.3 271.7 300.1 328.6 357.0 ***LAB*Nio: 0.0, 0.0, 0.0 ***LAB*Wio:*** 100.0, 0.0, 0.0

25.4	42.1	58.8	75.6	92.3	109.7	127.2	144.7	162.2	189.6	216.9	244.3	271.7	300.1	328.6	357.0
24 0	25 0	25 0	29 0	33 0	37 0	37 0	39 0	1 0	4 0	8 0	11 0	12 0	15 0	18 0	24 0
342.3 351.6	351.6 26.2	351.6 26.2	69.7 73.2	85.7 91.0	99.3 101.0	99.3 101.0	128.8 141.8	149.3 155.0	164.5 174.0	205.6 212.8	223.9 231.5	231.5 251.5	284.3 298.7	307.2 326.2	342.3 351.6
26.2 61.0	61.0 62.8	61.0 62.8	76.5 79.7	93.3 97.5	128.8 141.8	128.8 141.8	149.3 155.0	163.8 164.5	193.2 205.7	217.7 223.9	251.5 274.4	274.4 284.3	303.5 307.2	331.3 334.1	26.2 61.0
0.977	0.457	0.938	0.714	0.551	0.315	0.943	0.386	0.82	0.811	0.839	0.639	0.88	0.291	0.462	0.156
69.2 69.8	69.8 70.3	69.8 70.3	76.3 79.2	88.9 92.5	96.9 97.5	96.9 97.5	91.1 86.9	84.6 83.3	82.0 81.5	81.2 75.8	69.3 65.8	65.8 58.0	45.2 37.0	29.9 53.2	69.2 69.8
70.3 70.7	70.7 70.1	70.7 70.1	81.9 84.4	94.0 96.1	91.1 86.9	91.1 86.9	84.6 83.3	82.7 82.0	81.1 80.8	72.7 69.3	58.0 49.5	49.5 45.2	33.3 29.9	61.6 65.5	70.3 70.7
92.8 85.8	85.8 70.5	85.8 70.5	47.9 40.5	10.7 −2.5	−20.6 −23.1	−20.6 −23.1	−80.5 −107.2	−118.7 −123.4	−120.7 −109.0	−66.9 −64.5	−54.6 −46.7	−46.7 −23.9	23.9 58.4	89.0 112.9	92.8 85.8
70.5 60.8	60.8 61.6	60.8 61.6	33.0 25.5	−8.2 −17.3	−80.5 −107.2	−80.5 −107.2	−118.7 −123.4	−118.7 −120.7	−81.8 −67.5	−60.5 −54.6	−23.9 6.7	6.7 23.9	74.4 89.0	107.9 102.8	70.5 60.8
0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0

***h*$_{ab,a}$ = 25.4, 92.3, 162.2, 271.7**

	*L**	*a**$_a$	*b**$_a$
00	149.3	84.6	−118.7	70.3
01	155.0	83.3	−123.4	57.5
02	163.8	82.7	−118.7	34.5
03	164.5	82.0	−120.7	33.2
04	174.0	81.5	−109.0	11.4
05	193.2	81.1	−81.8	−19.2
06	205.7	80.8	−67.5	−32.5
07	205.6	81.2	−66.9	−32.2
08	212.8	75.8	−64.5	−41.6
09	217.7	72.7	−60.5	−46.9
10	223.9	69.3	−54.6	−52.6
11	231.5	65.8	−46.7	−58.7
12	251.5	58.0	−23.9	−72.0
13	274.4	49.5	6.7	−86.3
14	284.3	45.2	23.9	−93.3
15	298.7	37.0	58.4	−106.4
16	303.5	33.3	74.4	−112.0
17	307.2	29.9	89.0	−117.0
18	326.2	53.2	112.9	−75.4
19	331.3	61.6	107.9	−59.0
20	334.1	65.5	102.8	−49.8
21	336.5	67.4	99.2	−42.9
22	341.7	68.2	94.8	−31.2
23	342.3	69.2	92.8	−29.5
24	351.6	69.8	85.8	−12.6
25	26.2	70.3	70.5	34.8
26	61.0	70.7	60.8	110.0
27	62.8	70.1	61.6	120.1
28	69.7	76.3	47.9	130.1
29	73.2	79.2	40.5	134.5
30	76.5	81.9	33.0	138.3
31	79.7	84.4	25.5	141.4
32	85.7	88.9	10.7	144.3
33	91.0	92.5	−2.5	142.9
34	93.3	94.0	−8.2	140.1
35	97.5	96.1	−17.3	131.1
36	99.3	96.9	−20.6	125.4
37	101.0	97.5	−23.1	119.0
38	128.8	91.1	−80.5	100.0
39	141.8	86.9	−107.2	84.2

***L** = 0.0, 25.0, 50.0, 75.0, 100.0**

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