

http://130.149.60.45/~farbmetrik/WE29/WE29LONP.PDF /.PS; start output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/8

Table with columns: %XS, YS, ZS, X0, Y0, Z0, X1, Y1, Z1, DV, de\*ab, de\*CH, de\*CM, de\*DV, de\*85, no., L\*, a\*, b\*, % and rows of numerical data for color calibration.

TUB-test chart WE29; Colour differences ΔE\*94=1 input: w/rgb/cmyk -> (w/rgb/cmyk) colour difference formula CIE94

http://130.149.60.45/~farbmetrik/WE29/WE29LONP.PDF /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 2/8

Table with columns: %XS, %YS, ZS, X0, Y0, Z0, X1, Y1, Z1, DV, de\*ab, de\*CH, de\*CM, de\*94, de\*94-delta, E\*CIE94=1, and visual DV=1 expected for this formula %. The table contains 90 rows of color calibration data.

WE290-TN input: w/rgb/cmyk -> (w/rgb/cmyk) TUB-test chart WE29; Colour differences ΔE\*94=1 colour difference formula CIE94

http://130.149.60.45/~farbmetrik/WE29/WE29LONP.PDF /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 3/8

Table with columns: %XS, %YS, ZS, Z0, X0, Y0, Z1, X1, Y1, DV, DE\*ab, DE\*CH, DE\*94, DE\*CM, DE\*00, de\*85, no., Code, L\*, a\*, b\*, %. Rows contain numerical data for color calibration.

TUB-test chart WE29; Colour differences ΔE\*94=1 input: w/rgb/cmyk -> (w/rgb/cmyk) colour difference formula CIE94



http://130.149.60.45/~farbmetrik/WE29/WE29LONP.PDF /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 5/8

Table with columns: %XS, YS, ZS, X0, Y0, Z0, X1, Y1, Z1, DV, de\*ab, de\*CH, de\*CM, de\*00, de\*85, no., Code, L\*, a\*, b\*, % application for measurement of display or printer output, no separation

TUB-test chart WE29; Colour differences ΔE\*94=1 input: w/rgb/cmyk -> (w/rgb/cmyk) colour difference formula CIE94

http://130.149.60.45/~farbmetrik/WE29/WE29LONP.PDF /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 6/8



Table with columns: %XS, %YS, ZS, X0, Y0, Z0, X1, Y1, Z1, DV, de\*ab, de\*CH, de\*E94, de\*CM, de\*DV, de\*85, no., Code, L\*, a\*, b\*, %

TUB-test chart WE29; Colour differences ΔE\*94=1 input: w/rgb/cmyk -> (w/rgb/cmyk) colour difference formula CIE94

http://130.149.60.45/~farbmetrik/WE29/WE29L0NP.PDF /.PS; transfer output  
 N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 7/8

%XS	YS	ZS	X0	Y0	Z0	X1	Y1	Z1	DV	dE*ab	dE*CH	dE*94	dE*CM	dE*00	de*85	no.	Code	L*	a*	b*	%
%CIEXYZ*1000 data for iim=315 colours, CIE data XYZ0 and XYZ1 for delta_E*94=delta_E*CIE94=L, and visual DV=1 expected for this formula %																					
0095040	0100000	0108880	0053869	0056681	0101721	0053872	0056683	0098075	0001000	02366	02366	01007	01176	01030	00885	18840300	(80308_BY)	80	0	-30	%
0095040	0100000	0108880	0004415	0002989	0006780	0004417	0002990	0006373	0001000	01630	01011	01067	00957	00865	18940301	(20309_BY)	20	25	-17	%	
0095040	0100000	0108880	0007520	0006235	0010182	0007521	0006237	0009710	0001000	01429	01429	01007	01141	00917	00793	18940302	(30209_BY)	30	16	-11	%
0095040	0100000	0108880	0011818	0011250	0014565	0011820	0011252	0014051	0001000	01219	01219	01003	01308	00930	00629	18940303	(40109_BY)	40	8	-6	%
0095040	0100000	0108880	0028784	0028123	0034820	0028785	0028124	0033898	0001000	01219	01219	01003	01307	00929	00525	18940304	(60109_BY)	60	8	-6	%
0095040	0100000	0108880	0044093	0040749	0055482	0044094	0040750	0054011	0001000	01426	01426	01005	01139	00915	00568	18940305	(70209_BY)	70	16	-11	%
0095040	0100000	0108880	0064048	0056681	0083032	0064050	0056682	0080842	0001000	01622	01622	01006	01061	00953	00596	18940306	(80309_BY)	80	25	-17	%
0095040	0100000	0108880	0018983	0027027	0008750	0018985	0027030	0008005	0001000	02523	02523	01012	01082	00953	00346	18540307	(59534_BY)	59	-31	43	%
0095040	0100000	0108880	0032840	0016794	0021991	0032842	0016796	0020802	0001000	02157	02157	01010	00995	00840	01045	18040308	(48759_BY)	48	75	-7	%
0095040	0100000	0108880	0067406	0019268	0008887	0067411	0076308	0007301	0001000	05503	05503	01052	01654	01045	00260	18440309	(90974_BY)	90	-11	96	%
0095040	0100000	0108880	0030111	0016794	0002703	0030114	0016797	0002334	0001000	02779	02779	01014	00978	00857	00367	18540311	(51735_BY)	51	-63	37	%
0095040	0100000	0108880	0008752	0019268	0006587	0008754	0019270	0006007	0001000	02379	02379	01014	00978	00857	00367	18540311	(51735_BY)	51	-63	37	%
0095040	0100000	0108880	0007247	0004746	0021471	0007250	0004749	0020103	0001000	02538	02538	01018	01171	01296	01217	18940312	(26548_BY)	26	31	-44	%
0095040	0100000	0108880	0083272	0087618	0095398	0083273	0087619	0093911	0001000	01000	01000	01566	00978	00305	18140313	(95002_BY)	95	0	0	%	
0095040	0100000	0108880	0095040	0100000	0108880	0095041	0100001	0107255	0001000	01000	01000	01566	00978	00293	18140314	(99002_BY)	100	0	0	%	

TUB-test chart WE29; Colour differences  $\Delta E^*94=1$   
 colour difference formula CIE94  
 input: w/rgb/cmyk -> (w/rgb/cmyk)

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%XS	YS	ZS	X0	Y0	Z0	X1	Y1	Z1	DV	de*ab	de*CH	de*94	de*CM	de*00	de*85	no.	Code	L*	a*	b* %	
%sample no. 105	for delta_E*CIElch=CIElAB=min %																				
0095040	0100000	0108880	0001070	0001126	0001226	0001100	0001127	0001227	0001000	00995	00985	00984	01543	01443	00182	18100000	(10009_RG)	10	0	0	%
%sample no. 309	for delta_E*CIElch=CIElAB=max %																				
0095040	0100000	0108880	0067406	0076303	0008887	0067411	0076308	0007301	0001000	05503	05503	01052	01654	01045	00260	18440309	(90974_BY)	90	-11	96	%
%sample no. 309	for delta_E*CIE94=min %																				
0095040	0100000	0108880	0067406	0076303	0008887	0067411	0076308	0007301	0001000	05503	05503	01052	01654	01045	00260	18440309	(90974_BY)	90	-11	96	%
%sample no. 309	for delta_E*CIE94=max %																				
0095040	0100000	0108880	0067406	0076303	0008887	0067411	0076308	0007301	0001000	05503	05503	01052	01654	01045	00260	18440309	(90974_BY)	90	-11	96	%
%sample no. 102	for delta_E*CMC(l:c=1:l)=min %																				
0095040	0100000	0108880	0067406	0076303	0008887	0067411	0076308	0007301	0001000	05503	05503	01052	01654	01045	00260	18440309	(90974_BY)	90	-11	96	%
%sample no. 1	for delta_E*CMC(l:c=1:l)=max %																				
0095040	0100000	0108880	0001813	0001908	0002078	0001996	0002100	0002286	0001000	01001	01001	01001	01960	00662	01004	18110000	(15009_WN)	15	0	0	%
%sample no. 309	for delta_E*CIEDE2000=min %																				
0095040	0100000	0108880	0067406	0076303	0008887	0067411	0076308	0007301	0001000	05503	05503	01052	01654	01045	00260	18440309	(90974_BY)	90	-11	96	%
%sample no. 208	for delta_E*CIEDE2000=max %																				
0095040	0100000	0108880	0083272	0087618	0095398	0083796	0087619	0095399	0001000	01000	00990	00989	01550	01449	00149	18100000	(95002_RG)	95	0	0	%
%sample no. 309	for delta_E*IABJND=min %																				
0095040	0100000	0108880	0067406	0076303	0008887	0067411	0076308	0007301	0001000	05503	05503	01052	01654	01045	00260	18440309	(90974_BY)	90	-11	96	%
%sample no. 102	for delta_E*IABJND=max %																				
0095040	0100000	0108880	0007247	0004746	0021471	0007700	0005094	0022441	0001000	01001	01001	01001	01370	00744	01258	18910000	(26548_WN)	26	31	-44	%
%XS	YS	ZS	X0	Y0	Z0	X1	Y1	Z1	DV	de*ab	de*CH	de*94	de*CM	de*00	de*85	no.	Code	L*	a*	b* %	
%sample no. 105	for delta_E*CIElch=CIElAB=min %																				
0095040	0100000	0108880	0001070	0001126	0001226	0001100	0001127	0001227	0001000	00995	00985	00984	01543	01443	00182	18100000	(10009_RG)	10	0	0	%
%sample no. 309	for delta_E*CIElch=CIElAB=max %																				
0095040	0100000	0108880	0067406	0076303	0008887	0067411	0076308	0007301	0001000	05503	05503	01052	01654	01045	00260	18440309	(90974_BY)	90	97	97	%
%sample no. 309	for delta_E*CIE94=min %																				
0095040	0100000	0108880	0067406	0076303	0008887	0067411	0076308	0007301	0001000	05503	05503	01052	01654	01045	00260	18440309	(90974_BY)	90	97	97	%
%sample no. 309	for delta_E*CIE94=max %																				
0095040	0100000	0108880	0067406	0076303	0008887	0067411	0076308	0007301	0001000	05503	05503	01052	01654	01045	00260	18440309	(90974_BY)	90	97	97	%
%sample no. 1	for delta_E*CMC(l:c=1:l)=max %																				
0095040	0100000	0108880	0001813	0001908	0002078	0001996	0002100	0002286	0001000	01001	01001	01001	01960	00662	01004	18110000	(15009_WN)	15	0	0	%
%sample no. 309	for delta_E*CIEDE2000=min %																				
0095040	0100000	0108880	0067406	0076303	0008887	0067411	0076308	0007301	0001000	05503	05503	01052	01654	01045	00260	18440309	(90974_BY)	90	97	97	%
%sample no. 208	for delta_E*CIEDE2000=max %																				
0095040	0100000	0108880	0083272	0087618	0095398	0083796	0087619	0095399	0001000	01000	00990	00989	01550	01449	00149	18100000	(95002_RG)	95	0	0	%
%sample no. 309	for delta_E*IABJND=min %																				
0095040	0100000	0108880	0067406	0076303	0008887	0067411	0076308	0007301	0001000	05503	05503	01052	01654	01045	00260	18440309	(90974_BY)	90	97	97	%
%sample no. 102	for delta_E*IABJND=max %																				
0095040	0100000	0108880	0007247	0004746	0021471	0007700	0005094	0022441	0001000	01001	01001	01001	01370	00744	01258	18910000	(26548_WN)	26	54	305	%
%average colour difference of one experimental unit for 315 sample pairs: aE*ab aE*CH aE*94 aE*CM aE*00 aE*85 % 01053 01052 00824 00978 00837 00536 %																					

input: w/rgb/cmyk -> (w/rgb/cmyk)  
 TUB-test chart WE29; Colour differences ΔE\*94=1  
 colour difference formula CIE94