

CMYOLV complementary hue planes

colour names of ISO/IEC 15775

Start OLS00a: Offset Luminous System
Black lightness $L^* = 06$, chroma adapted (a)
Lightness range $L^*, L^*_a = 05.41 - 95.41$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS10a: Offset Luminous System
Black lightness $L^* = 11$, chroma adapted (a)
Grey sample difference $\Delta E^* = 21.11$ Luminance contrast $L^*/L^*_a = 71.11$
Lightness range $L^*, L^*_a = 10.91 - 95.89$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS27a: Offset Luminous System
Black lightness $L^* = 27$, chroma adapted (a)
Grey sample difference $\Delta E^* = 17.14$ Luminance contrast $L^*/L^*_a = 17.76$
Lightness range $L^*, L^*_a = 26.85 - 95.89$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS52a: Offset Luminous System
Black lightness $L^* = 52$, chroma adapted (a)
Grey sample difference $\Delta E^* = 13.51$ Luminance contrast $L^*/L^*_a = 4.44$
Lightness range $L^*, L^*_a = 51.41 - 95.41$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS06a: Offset Luminous System
Black lightness $L^* = 06$, chroma adapted (a)
Lightness range $L^*, L^*_a = 05.41 - 95.41$ Luminance contrast $L^*/L^*_a = 14.22$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS18a: Offset Luminous System
Black lightness $L^* = 18$, chroma adapted (a)
Grey sample difference $\Delta E^* = 19.35$ Luminance contrast $L^*/L^*_a = 15.56$
Lightness range $L^*, L^*_a = 18.01 - 95.89$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS38a: Offset Luminous System
Black lightness $L^* = 38$, chroma adapted (a)
Grey sample difference $\Delta E^* = 14.36$ Luminance contrast $L^*/L^*_a = 8.80$
Lightness range $L^*, L^*_a = 37.91 - 95.89$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS70a: Offset Luminous System
Black lightness $L^* = 70$, chroma adapted (a)
Grey sample difference $\Delta E^* = 10.38$ Luminance contrast $L^*/L^*_a = 2.22$
Lightness range $L^*, L^*_a = 69.41 - 95.41$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS00a: Offset Luminous System
Black lightness $L^* = 06$, chroma adapted (a)
Lightness range $L^*, L^*_a = 05.41 - 95.41$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS11a: Offset Luminous System
Black lightness $L^* = 11$, chroma adapted (a)
Grey sample difference $\Delta E^* = 5.43$ Luminance contrast $L^*/L^*_a = 71.11$
Lightness range $L^*, L^*_a = 10.91 - 95.89$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS27a: Offset Luminous System
Black lightness $L^* = 27$, chroma adapted (a)
Grey sample difference $\Delta E^* = 4.43$ Luminance contrast $L^*/L^*_a = 17.76$
Lightness range $L^*, L^*_a = 26.85 - 95.89$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS52a: Offset Luminous System
Black lightness $L^* = 52$, chroma adapted (a)
Grey sample difference $\Delta E^* = 13.51$ Luminance contrast $L^*/L^*_a = 4.44$
Lightness range $L^*, L^*_a = 51.41 - 95.41$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS06a: Offset Luminous System
Black lightness $L^* = 06$, chroma adapted (a)
Lightness range $L^*, L^*_a = 05.41 - 95.41$ Luminance contrast $L^*/L^*_a = 14.22$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS18a: Offset Luminous System
Black lightness $L^* = 18$, chroma adapted (a)
Grey sample difference $\Delta E^* = 5.16$ Luminance contrast $L^*/L^*_a = 35.56$
Lightness range $L^*, L^*_a = 18.01 - 95.89$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS38a: Offset Luminous System
Black lightness $L^* = 38$, chroma adapted (a)
Grey sample difference $\Delta E^* = 14.30$ Luminance contrast $L^*/L^*_a = 8.80$
Lightness range $L^*, L^*_a = 37.91 - 95.89$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$

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Start OLS70a: Offset Luminous System
Black lightness $L^* = 70$, chroma adapted (a)
Grey sample difference $\Delta E^* = 10.38$ Luminance contrast $L^*/L^*_a = 2.22$
Lightness range $L^*, L^*_a = 69.41 - 95.41$ Luminance contrast $L^*/L^*_a = 99.00$
Chroma range $C^*_b = 03.92 - 95.89$ Chroma contrast $C^*_b/C^*_b_a = 16.75$
Relative colour gamut ratio: $[(95.41 \pm 95.75) / (95.41 \pm 95.75)] \times 0.9$