

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(EDDAE1)	Hex(EDC3D1)	Hex(EDABC2)	Hex(ED93B2)	Hex(ED7BA3)	Hex(ED6493)	Hex(ED4C84)	Hex(ED3475)	Hex(ED1D65)	Hex(ED0556)
Hex(EDDAE1)		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.30 AA 18pt ²
Hex(EDC3D1)	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(EDABC2)	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(ED93B2)	Ratio: 1.67 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(ED7BA3)	Ratio: 1.97 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(ED6493)	Ratio: 2.30 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(ED4C84)	Ratio: 2.63 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(ED3475)	Ratio: 2.94 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(ED1D65)	Ratio: 3.17 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(ED0556)	Ratio: 3.30 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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