

Converting Colors - WCAG Matrix

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

	Hex(E7CFE8)	Hex(E6B8E8)	Hex(E5A1E8)	Hex(E489E8)	Hex(E372E8)	Hex(E25BE8)	Hex(E144E8)	Hex(E12DE8)	Hex(E015E8)	Hex(DF00E8)
Hex(E7CFE8)		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(E6B8E8)	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(E5A1E8)	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(E489E8)	Ratio: 1.60 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(E372E8)	Ratio: 1.85 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(E25BE8)	Ratio: 2.10 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(E144E8)	Ratio: 2.34 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(E12DE8)	Ratio: 2.52 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(E015E8)	Ratio: 2.66 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(DF00E8)	Ratio: 2.73 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 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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