

Converting Colors - WCAG Matrix

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

	Hex(F282DB)	Hex(F29AE0)	Hex(F2B3E5)	Hex(F2CBEA)	Hex(F2E3EF)	Hex(F2FBF4)	Hex(F2FFF9)	Hex(F2FFFE)	Hex(F2FFFF)
Hex(F282DB)		Ratio: 1.16 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(F29AE0)	Ratio: 1.16 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(F2B3E5)	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(F2CBEA)	Ratio: 1.61 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(F2E3EF)	Ratio: 1.89 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(F2FBF4)	Ratio: 2.21 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(F2FFF9)	Ratio: 2.27 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(F2FFFE)	Ratio: 2.28 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(F2FFFF)	Ratio: 2.28 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 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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