

Converting Colors - WCAG Matrix

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

	Hex(F12B7D)	Hex(F1438B)	Hex(F15B99)	Hex(F173A7)	Hex(F18BB5)	Hex(F1A3C4)	Hex(F1BCD2)	Hex(F1D4E0)	Hex(F1ECEE)	Hex(F1FFFC)
Hex(F12B7D)		Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.80 AA 18pt ²
Hex(F1438B)	Ratio: 1.10 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.46 AA 18pt ²
Hex(F15B99)	Ratio: 1.24 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(F173A7)	Ratio: 1.44 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(F18BB5)	Ratio: 1.69 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(F1A3C4)	Ratio: 2.00 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(F1BCD2)	Ratio: 2.39 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(F1D4E0)	Ratio: 2.83 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(F1ECEE)	Ratio: 3.34 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(F1FFFC)	Ratio: 3.80 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.14 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

Failed 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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