

Converting Colors - WCAG Matrix

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

	Hex(F14872)	Hex(F16084)	Hex(F17896)	Hex(F190A8)	Hex(F1A8BA)	Hex(F1C1CD)	Hex(F1D9DF)	Hex(F1F1F1)	Hex(F1FFFF)
Hex(F14872)		Ratio: 1.14 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 3.47 AA 18pt ²
Hex(F16084)	Ratio: 1.14 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(F17896)	Ratio: 1.33 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(F190A8)	Ratio: 1.57 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(F1A8BA)	Ratio: 1.87 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(F1C1CD)	Ratio: 2.24 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(F1D9DF)	Ratio: 2.66 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(F1F1F1)	Ratio: 3.15 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(F1FFFF)	Ratio: 3.47 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.10 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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