

Converting Colors - WCAG Matrix

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

	Hex(F01A69)	Hex(F03279)	Hex(F04A88)	Hex(F06297)	Hex(F07AA6)	Hex(F092B5)	Hex(F0AAC4)	Hex(F0C2D3)	Hex(F0DAE2)	Hex(F0F2F1)
Hex(F01A69)		Ratio: 1.08 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.69 AA 18pt ²
Hex(F03279)	Ratio: 1.08 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(F04A88)	Ratio: 1.19 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(F06297)	Ratio: 1.36 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(F07AA6)	Ratio: 1.59 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(F092B5)	Ratio: 1.88 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(F0AAC4)	Ratio: 2.23 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(F0C2D3)	Ratio: 2.64 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.94 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
Hex(F0DAE2)	Ratio: 3.13 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.29 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
Hex(F0F2F1)	Ratio: 3.69 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 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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