

Converting Colors - WCAG Matrix

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

	Hex(F0DBE3)	Hex(F0C2D4)	Hex(F0ABC4)	Hex(F094B5)	Hex(F07AA6)	Hex(F06399)	Hex(F04A8A)	Hex(F0337A)	Hex(F01C6B)	Hex(F0055C)
Hex(F0DBE3)		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 3.27 AA 18pt ²
Hex(F0C2D4)	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(F0ABC4)	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(F094B5)	Ratio: 1.66 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(F07AA6)	Ratio: 1.98 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(F06399)	Ratio: 2.29 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(F04A8A)	Ratio: 2.64 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(F0337A)	Ratio: 2.92 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(F01C6B)	Ratio: 3.14 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(F0055C)	Ratio: 3.27 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 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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