

Converting Colors - WCAG Matrix

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

	Hex(FFEFF5)	Hex(FFD6E5)	Hex(FFBCD5)	Hex(FFA3C5)	Hex(FF89B5)	Hex(FF70A5)	Hex(FF5695)	Hex(FF3C85)	Hex(FF2375)	Hex(FF0966)
Hex(FFEFF5)		Ratio: 1.18 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 3.45 AA 18pt ²
Hex(FFD6E5)	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(FFBCD5)	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(FFA3C5)	Ratio: 1.67 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(FF89B5)	Ratio: 1.99 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(FF70A5)	Ratio: 2.33 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(FF5695)	Ratio: 2.70 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(FF3C85)	Ratio: 3.03 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(FF2375)	Ratio: 3.29 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FF0966)	Ratio: 3.45 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.05 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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