

Converting Colors - WCAG Matrix

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

	Hex(FF0066)	Hex(FF1975)	Hex(FF3385)	Hex(FF4D94)	Hex(FF66A3)	Hex(FF80B3)	Hex(FF99C2)	Hex(FFB3D1)	Hex(FFCCCE0)	Hex(FFE6F0)
Hex(FF0066)		Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(FF1975)	Ratio: 1.04 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(FF3385)	Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(FF4D94)	Ratio: 1.24 Failed ⁵	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: 1.87 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(FF66A3)	Ratio: 1.41 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(FF80B3)	Ratio: 1.65 Failed ⁵	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: 1.98 Failed ⁵
Hex(FF99C2)	Ratio: 1.94 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(FFB3D1)	Ratio: 2.32 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(FFCCCE0)	Ratio: 2.75 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFE6F0)	Ratio: 3.28 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 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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