

Converting Colors - WCAG Matrix

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

Hex(F20060) Hex(FFB3D1) Hex(9100F2) Hex(805264) Hex(000000) Hex(808080)

	Hex(F20060)	Hex(FFB3D1)	Hex(9100F2)	Hex(805264)	Hex(000000)	Hex(808080)
Hex(F20060)		Ratio: 2.55 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(FFB3D1)	Ratio: 2.55 Failed ⁵		Ratio: 3.62 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 12.62 Passed ⁶	Ratio: 2.37 Failed ⁵
Hex(9100F2)	Ratio: 1.42 Failed ⁵	Ratio: 3.62 AA 18pt ²		Ratio: 1.05 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.53 Failed ⁵
Hex(805264)	Ratio: 1.49 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 3.31 AA 18pt ²	Ratio: 1.61 Failed ⁵
Hex(000000)	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 12.62 Passed ⁶	Ratio: 3.49 AA 18pt ²	Ratio: 3.31 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.08 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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