

Converting Colors - WCAG Matrix

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

Hex(FA0068) Hex(FFB3D2) Hex(9200FA) Hex(805265) Hex(000000) Hex(808080)

	Hex(FA0068)	Hex(FFB3D2)	Hex(9200FA)	Hex(805265)	Hex(000000)	Hex(808080)
Hex(FA0068)		Ratio: 2.40 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(FFB3D2)	Ratio: 2.40 Failed ⁵		Ratio: 3.51 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 12.63 Passed ⁶	Ratio: 2.38 Failed ⁵
Hex(9200FA)	Ratio: 1.46 Failed ⁵	Ratio: 3.51 AA 18pt ²		Ratio: 1.09 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(805265)	Ratio: 1.59 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 1.09 Failed ⁵		Ratio: 3.31 AA 18pt ²	Ratio: 1.61 Failed ⁵
Hex(000000)	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 12.63 Passed ⁶	Ratio: 3.60 AA 18pt ²	Ratio: 3.31 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.01 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.48 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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