

Converting Colors - WCAG Matrix

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

Hex(FF0680) Hex(FFB5D9) Hex(8206FF) Hex(805369) Hex(000000) Hex(808080)

	Hex(FF0680)	Hex(FFB5D9)	Hex(8206FF)	Hex(805369)	Hex(000000)	Hex(808080)
Hex(FF0680)		Ratio: 2.30 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(FFB5D9)	Ratio: 2.30 Failed ⁵		Ratio: 3.76 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 12.86 Passed ⁶	Ratio: 2.42 Failed ⁵
Hex(8206FF)	Ratio: 1.63 Failed ⁵	Ratio: 3.76 AA 18pt ²		Ratio: 1.02 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.56 Failed ⁵
Hex(805369)	Ratio: 1.66 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 3.36 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(000000)	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 12.86 Passed ⁶	Ratio: 3.42 AA 18pt ²	Ratio: 3.36 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.05 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.58 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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