

Converting Colors - WCAG Matrix

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

Hex(CC0A22) Hex(FFB5BE) Hex(B20ACC) Hex(805358) Hex(000000) Hex(808080)

	Hex(CC0A22)	Hex(FFB5BE)	Hex(B20ACC)	Hex(805358)	Hex(000000)	Hex(808080)
Hex(CC0A22)		Ratio: 3.47 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(FFB5BE)	Ratio: 3.47 AA 18pt ²		Ratio: 3.31 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 12.61 Passed ⁶	Ratio: 2.37 Failed ⁵
Hex(B20ACC)	Ratio: 1.05 Failed ⁵	Ratio: 3.31 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(805358)	Ratio: 1.10 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 3.30 AA 18pt ²	Ratio: 1.61 Failed ⁵
Hex(000000)	Ratio: 3.63 AA 18pt ²	Ratio: 12.61 Passed ⁶	Ratio: 3.81 AA 18pt ²	Ratio: 3.30 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.46 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.40 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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