

Converting Colors - WCAG Matrix

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

Hex(C60089) Hex(FFB3E7) Hex(3B00C6) Hex(805271) Hex(000000) Hex(808080)

	Hex(C60089)	Hex(FFB3E7)	Hex(3B00C6)	Hex(805271)	Hex(000000)	Hex(808080)
Hex(C60089)		Ratio: 3.42 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.41 Failed ⁵
Hex(FFB3E7)	Ratio: 3.42 AA 18pt ²		Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²	Ratio: 12.85 Passed ⁶	Ratio: 2.42 Failed ⁵
Hex(3B00C6)	Ratio: 1.88 Failed ⁵	Ratio: 6.42 AA ¹ AAA 18pt ⁴		Ratio: 1.68 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(805271)	Ratio: 1.12 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.68 Failed ⁵		Ratio: 3.36 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(000000)	Ratio: 3.76 AA 18pt ²	Ratio: 12.85 Passed ⁶	Ratio: 2.00 Failed ⁵	Ratio: 3.36 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.41 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.66 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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