

Converting Colors - WCAG Matrix

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

Hex(D400AB) Hex(FFB3F0) Hex(2700D4) Hex(805277) Hex(000000) Hex(808080)

	Hex(D400AB)	Hex(FFB3F0)	Hex(2700D4)	Hex(805277)	Hex(000000)	Hex(808080)
Hex(D400AB)		Ratio: 2.95 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 1.21 Failed ⁵
Hex(FFB3F0)	Ratio: 2.95 Failed ⁵		Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²	Ratio: 12.96 Passed ⁶	Ratio: 2.44 Failed ⁵
Hex(2700D4)	Ratio: 2.15 Failed ⁵	Ratio: 6.36 AA ¹ AAA 18pt ⁴		Ratio: 1.66 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(805277)	Ratio: 1.29 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.66 Failed ⁵		Ratio: 3.39 AA 18pt ²	Ratio: 1.57 Failed ⁵
Hex(000000)	Ratio: 4.39 AA 18pt ²	Ratio: 12.96 Passed ⁶	Ratio: 2.04 Failed ⁵	Ratio: 3.39 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.21 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.57 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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