

Converting Colors - WCAG Matrix

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

Hex(C322C6) Hex(FEBFFF) Hex(2227C6) Hex(7F5980) Hex(000000) Hex(808080)

	Hex(C322C6)	Hex(FEBFFF)	Hex(2227C6)	Hex(7F5980)	Hex(000000)	Hex(808080)
Hex(C322C6)		Ratio: 3.23 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(FEBFFF)	Ratio: 3.23 AA 18pt ²		Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 3.87 AA 18pt ²	Ratio: 14.11 Passed ⁶	Ratio: 2.65 Failed ⁵
Hex(2227C6)	Ratio: 2.01 Failed ⁵	Ratio: 6.49 AA ¹ AAA 18pt ⁴		Ratio: 1.68 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(7F5980)	Ratio: 1.20 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 1.68 Failed ⁵		Ratio: 3.64 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(000000)	Ratio: 4.36 AA 18pt ²	Ratio: 14.11 Passed ⁶	Ratio: 2.17 Failed ⁵	Ratio: 3.64 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.22 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.46 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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