

Converting Colors - WCAG Matrix

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

Hex(273BE2) Hex(BFC6FF) Hex(27E2CC) Hex(595D80) Hex(000000) Hex(808080)

	Hex(273BE2)	Hex(BFC6FF)	Hex(27E2CC)	Hex(595D80)	Hex(000000)	Hex(808080)
Hex(273BE2)		Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(BFC6FF)	Ratio: 4.53 AA ¹ AAA 18pt ⁴		Ratio: 1.01 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 12.74 Passed ⁶	Ratio: 2.40 Failed ⁵
Hex(27E2CC)	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵		Ratio: 3.89 AA 18pt ²	Ratio: 12.84 Passed ⁶	Ratio: 2.41 Failed ⁵
Hex(595D80)	Ratio: 1.18 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 3.89 AA 18pt ²		Ratio: 3.30 AA 18pt ²	Ratio: 1.61 Failed ⁵
Hex(000000)	Ratio: 2.81 Failed ⁵	Ratio: 12.74 Passed ⁶	Ratio: 12.84 Passed ⁶	Ratio: 3.30 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.89 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.41 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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