

Converting Colors - WCAG Matrix

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

Hex(8DBEE2) Hex(E3F3FF) Hex(8DE2B0) Hex(6F7880) Hex(000000) Hex(808080)

Hex(8DBEE2)		Ratio: 1.75 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 10.60 Passed ⁶	Ratio: 1.99 Failed ⁵
Hex(E3F3FF)	Ratio: 1.75 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 18.53 Passed ⁶	Ratio: 3.48 AA 18pt ²
Hex(8DE2B0)	Ratio: 1.29 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.92 Failed ⁵	Ratio: 13.64 Passed ⁶	Ratio: 2.56 Failed ⁵
Hex(6F7880)	Ratio: 2.27 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.92 Failed ⁵		Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 10.60 Passed ⁶	Ratio: 18.53 Passed ⁶	Ratio: 13.64 Passed ⁶	Ratio: 4.67 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.99 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.14 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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