

Converting Colors - WCAG Matrix

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

Hex(A5D8CD) Hex(EDFFFB) Hex(B0D8A5) Hex(75807D) Hex(000000) Hex(808080)

	Hex(A5D8CD)	Hex(EDFFFB)	Hex(B0D8A5)	Hex(75807D)	Hex(000000)	Hex(808080)
Hex(A5D8CD)		Ratio: 1.53 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 13.30 Passed ⁶	Ratio: 2.50 Failed ⁵
Hex(EDFFFB)	Ratio: 1.53 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.30 Passed ⁶	Ratio: 3.82 AA 18pt ²
Hex(B0D8A5)	Ratio: 1.01 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.57 Failed ⁵	Ratio: 13.21 Passed ⁶	Ratio: 2.48 Failed ⁵
Hex(75807D)	Ratio: 2.59 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.57 Failed ⁵		Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 13.30 Passed ⁶	Ratio: 20.30 Passed ⁶	Ratio: 13.21 Passed ⁶	Ratio: 5.14 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.50 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.03 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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