

Converting Colors - WCAG Matrix

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

Hex(6DC295) Hex(DCFCEB) Hex(9AC26D) Hex(6B8075) Hex(000000) Hex(808080)

	Hex(6DC295)	Hex(DCFCEB)	Hex(9AC26D)	Hex(6B8075)	Hex(000000)	Hex(808080)
Hex(6DC295)		Ratio: 1.96 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 9.80 Passed ⁶	Ratio: 1.84 Failed ⁵
Hex(DCFCEB)	Ratio: 1.96 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 19.17 Passed ⁶	Ratio: 3.60 AA 18pt ²
Hex(9AC26D)	Ratio: 1.05 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 10.31 Passed ⁶	Ratio: 1.94 Failed ⁵
Hex(6B8075)	Ratio: 1.97 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 2.07 Failed ⁵		Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 9.80 Passed ⁶	Ratio: 19.17 Passed ⁶	Ratio: 10.31 Passed ⁶	Ratio: 4.97 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.84 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 1.07 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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