

Converting Colors - WCAG Matrix

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

Hex(B0DE87) Hex(F0FFE0) Hex(DEB587) Hex(75806E) Hex(000000) Hex(808080)

	Hex(B0DE87)	Hex(F0FFE0)	Hex(DEB587)	Hex(75806E)	Hex(000000)	Hex(808080)
Hex(B0DE87)		Ratio: 1.47 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 13.64 Passed ⁶	Ratio: 2.57 Failed ⁵
Hex(F0FFE0)	Ratio: 1.47 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 20.09 Passed ⁶	Ratio: 3.78 AA 18pt ²
Hex(DEB587)	Ratio: 1.23 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 11.07 Passed ⁶	Ratio: 2.08 Failed ⁵
Hex(75806E)	Ratio: 2.69 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.18 Failed ⁵		Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 13.64 Passed ⁶	Ratio: 20.09 Passed ⁶	Ratio: 11.07 Passed ⁶	Ratio: 5.07 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.57 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 1.05 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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