

Converting Colors - WCAG Matrix

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

	Hex(686A39)	Hex(FFFFFF)	Hex(9C9D69)	Hex(B7B883)	Hex(D3D49D)	Hex(F0F0B8)	Hex(FFFFD4)	Hex(FFFFF0)
Hex(686A39)		Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 5.61 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.66 AA ¹ AAA 18pt ⁴		Ratio: 2.82 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(9C9D69)	Ratio: 2.01 Failed ⁵	Ratio: 2.82 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(B7B883)	Ratio: 2.75 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(D3D49D)	Ratio: 3.69 AA 18pt ²	Ratio: 1.54 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(F0F0B8)	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(FFFFD4)	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFF0)	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.02 Failed ⁵	

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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