

Converting Colors - WCAG Matrix

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

	Hex(BD7A6D)	Hex(A16155)	Hex(85483D)	Hex(6A3127)	Hex(501A13)	Hex(370400)	Hex(1D0001)	Hex(000000)
Hex(BD7A6D)		Ratio: 1.42 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(A16155)	Ratio: 1.42 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 4.14 AA 18pt ²	Ratio: 4.36 AA 18pt ²
Hex(85483D)	Ratio: 2.06 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(6A3127)	Ratio: 2.96 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(501A13)	Ratio: 4.12 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(370400)	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 3.69 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(1D0001)	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 4.14 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 4.36 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.05 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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