

Converting Colors - WCAG Matrix

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

Hex(5C5F28) Hex(797A66) Hex(5F2B28) Hex(3D3D31) Hex(BDBDBD) Hex(3D3D3D)

	Hex(5C5F28)	Hex(797A66)	Hex(5F2B28)	Hex(3D3D31)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(5C5F28)		Ratio: 1.53 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 1.62 Failed ⁵
Hex(797A66)	Ratio: 1.53 Failed ⁵		Ratio: 2.57 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(5F2B28)	Ratio: 1.68 Failed ⁵	Ratio: 2.57 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(3D3D31)	Ratio: 1.63 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(BDBDBD)	Ratio: 3.58 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 5.85 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.62 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.78 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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