

Converting Colors - WCAG Matrix

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

Hex(5C2704) Hex(786355) Hex(5C043A) Hex(3D3028) Hex(BDBDBD) Hex(3D3D3D)

	Hex(5C2704)	Hex(786355)	Hex(5C043A)	Hex(3D3028)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(5C2704)		Ratio: 2.13 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(786355)	Ratio: 2.13 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.92 Failed ⁵
Hex(5C043A)	Ratio: 1.14 Failed ⁵	Ratio: 2.42 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 7.29 Passed ⁶	Ratio: 1.26 Failed ⁵
Hex(3D3028)	Ratio: 1.06 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(BDBDBD)	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 3.01 AA 18pt ²	Ratio: 7.29 Passed ⁶	Ratio: 6.77 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.11 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.17 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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