

Converting Colors - WCAG Matrix

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

Hex(5C0032) Hex(785467) Hex(29005C) Hex(3D2733) Hex(BDBDBD) Hex(3D3D3D)

Hex(5C0032)		Ratio: 2.17 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 7.45 Passed ⁶	Ratio: 1.29 Failed ⁵
Hex(785467)	Ratio: 2.17 Failed ⁵		Ratio: 2.61 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.69 Failed ⁵
Hex(29005C)	Ratio: 1.20 Failed ⁵	Ratio: 2.61 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 8.95 Passed ⁶	Ratio: 1.55 Failed ⁵
Hex(3D2733)	Ratio: 1.02 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 7.28 Passed ⁶	Ratio: 1.26 Failed ⁵
Hex(BDBDBD)	Ratio: 7.45 Passed ⁶	Ratio: 3.43 AA 18pt ²	Ratio: 8.95 Passed ⁶	Ratio: 7.28 Passed ⁶		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.29 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.26 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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