

Converting Colors - WCAG Matrix

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

Hex(5C3826) Hex(786962) Hex(5C264A) Hex(3D3430) Hex(BDBDBD) Hex(3D3D3D)

	Hex(5C3826)	Hex(786962)	Hex(5C264A)	Hex(3D3430)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(5C3826)		Ratio: 1.95 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(786962)	Ratio: 1.95 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(5C264A)	Ratio: 1.12 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(3D3430)	Ratio: 1.18 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(BDBDBD)	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 2.80 Failed ⁵	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 6.45 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.06 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.12 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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