

Converting Colors - WCAG Matrix

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

Hex(2E5C2E) Hex(667866) Hex(5C5C2E) Hex(323D32) Hex(BDBDBD) Hex(3D3D3D)

	Hex(2E5C2E)	Hex(667866)	Hex(5C5C2E)	Hex(323D32)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(2E5C2E)		Ratio: 1.65 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(667866)	Ratio: 1.65 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(5C5C2E)	Ratio: 1.13 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 1.56 Failed ⁵
Hex(323D32)	Ratio: 1.45 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(BDBDBD)	Ratio: 4.16 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 6.04 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.39 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.05 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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