

Converting Colors - WCAG Matrix

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

Hex(005E00) Hex(567A56) Hex(5E5E00) Hex(273D27) Hex(BDBDBD) Hex(3D3D3D)

	Hex(005E00)	Hex(567A56)	Hex(5E5E00)	Hex(273D27)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(005E00)		Ratio: 1.66 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 4.30 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(567A56)	Ratio: 1.66 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(5E5E00)	Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.59 Failed ⁵
Hex(273D27)	Ratio: 1.46 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(BDBDBD)	Ratio: 4.30 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 6.27 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.35 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.08 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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