

Converting Colors - WCAG Matrix

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

Hex(5E5D4D) Hex(7A7A74) Hex(5E4D4D) Hex(3D3D3A) Hex(BDBDBD) Hex(3D3D3D)

	Hex(5E5D4D)	Hex(7A7A74)	Hex(5E4D4D)	Hex(3D3D3A)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(5E5D4D)		Ratio: 1.54 Failed⁵	Ratio: 1.19 Failed⁵	Ratio: 1.63 Failed⁵	Ratio: 3.55 AA 18pt²	Ratio: 1.63 Failed⁵
Hex(7A7A74)	Ratio: 1.54 Failed⁵		Ratio: 1.84 Failed⁵	Ratio: 2.52 Failed⁵	Ratio: 2.30 Failed⁵	Ratio: 2.52 Failed⁵
Hex(5E4D4D)	Ratio: 1.19 Failed⁵	Ratio: 1.84 Failed⁵		Ratio: 1.37 Failed⁵	Ratio: 4.23 AA 18pt²	Ratio: 1.37 Failed⁵
Hex(3D3D3A)	Ratio: 1.63 Failed⁵	Ratio: 2.52 Failed⁵	Ratio: 1.37 Failed⁵		Ratio: 5.80 AA¹ AAA 18pt⁴	Ratio: 1.00 Failed⁵
Hex(BDBDBD)	Ratio: 3.55 AA 18pt²	Ratio: 2.30 Failed⁵	Ratio: 4.23 AA 18pt²	Ratio: 5.80 AA¹ AAA 18pt⁴		Ratio: 5.78 AA¹ AAA 18pt⁴
Hex(3D3D3D)	Ratio: 1.63 Failed⁵	Ratio: 2.52 Failed⁵	Ratio: 1.37 Failed⁵	Ratio: 1.00 Failed⁵	Ratio: 5.78 AA¹ AAA 18pt⁴	

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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