

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(7E8F3D) Hex(B4BA9B) Hex(8F4D3D) Hex(5A5E4B) Hex(DEDEDE) Hex(5E5E5E)

	Hex(7E8F3D)	Hex(B4BA9B)	Hex(8F4D3D)	Hex(5A5E4B)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(7E8F3D)		Ratio: 1.77 Failed⁵	Ratio: 1.78 Failed⁵	Ratio: 1.88 Failed⁵	Ratio: 2.65 Failed⁵	Ratio: 1.82 Failed⁵
Hex(B4BA9B)	Ratio: 1.77 Failed⁵		Ratio: 3.17 AA 18pt²	Ratio: 3.33 AA 18pt²	Ratio: 1.50 Failed⁵	Ratio: 3.22 AA 18pt²
Hex(8F4D3D)	Ratio: 1.78 Failed⁵	Ratio: 3.17 AA 18pt²		Ratio: 1.05 Failed⁵	Ratio: 4.73 AA¹ AAA 18pt⁴	Ratio: 1.02 Failed⁵
Hex(5A5E4B)	Ratio: 1.88 Failed⁵	Ratio: 3.33 AA 18pt²	Ratio: 1.05 Failed⁵		Ratio: 4.98 AA¹ AAA 18pt⁴	Ratio: 1.03 Failed⁵
Hex(DEDEDE)	Ratio: 2.65 Failed⁵	Ratio: 1.50 Failed⁵	Ratio: 4.73 AA¹ AAA 18pt⁴	Ratio: 4.98 AA¹ AAA 18pt⁴		Ratio: 4.82 AA¹ AAA 18pt⁴
Hex(5E5E5E)	Ratio: 1.82 Failed⁵	Ratio: 3.22 AA 18pt²	Ratio: 1.02 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 4.82 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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