

Converting Colors - WCAG Matrix

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

Hex(45764F) Hex(87998A) Hex(6C7645) Hex(424D44) Hex(CCCCCC) Hex(4D4D4D)

	Hex(45764F)	Hex(87998A)	Hex(6C7645)	Hex(424D44)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(45764F)		Ratio: 1.76 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.59 Failed ⁵
Hex(87998A)	Ratio: 1.76 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(6C7645)	Ratio: 1.09 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.74 Failed ⁵
Hex(424D44)	Ratio: 1.67 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(CCCCCC)	Ratio: 3.30 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 5.50 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.59 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.26 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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