

Converting Colors - WCAG Matrix

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

Hex(478475) Hex(93ABA5) Hex(568447) Hex(485753) Hex(D6D6D6) Hex(575757)

	Hex(478475)	Hex(93ABA5)	Hex(568447)	Hex(485753)	Hex(D6D6D6)	Hex(575757)
Hex(478475)		Ratio: 1.78 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(93ABA5)	Ratio: 1.78 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(568447)	Ratio: 1.01 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.65 Failed ⁵
Hex(485753)	Ratio: 1.75 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.73 Failed ⁵		Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(D6D6D6)	Ratio: 2.99 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(575757)	Ratio: 1.66 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.97 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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