

Converting Colors - WCAG Matrix

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

Hex(407B82) Hex(8FA5A8) Hex(408247) Hex(455254) Hex(D4D4D4) Hex(545454)

Hex(407B82)		Ratio: 1.86 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(8FA5A8)	Ratio: 1.86 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.75 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(408247)	Ratio: 1.03 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.62 Failed ⁵
Hex(455254)	Ratio: 1.69 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.74 Failed ⁵		Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(D4D4D4)	Ratio: 3.24 AA 18pt ²	Ratio: 1.75 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.58 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.11 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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