

Converting Colors - WCAG Matrix

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

Hex(616666) Hex(7D8585) Hex(616466) Hex(2F3333) Hex(007373) Hex(00F2F2)

Hex(616666)		Ratio: 1.55 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(7D8585)	Ratio: 1.55 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.50 Failed ⁵
Hex(616466)	Ratio: 1.02 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(2F3333)	Ratio: 2.19 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 2.15 Failed ⁵		Ratio: 2.25 Failed ⁵
Hex(007373)	Ratio: 1.03 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 9.12 Passed ⁶
Hex(00F2F2)	Ratio: 4.16 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 9.12 Passed ⁶	Ratio: 4.05 AA 18pt ²

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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