

Converting Colors - WCAG Matrix

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

Hex(4F6563) Hex(798281) Hex(51654F) Hex(3D4242) Hex(C2C2C2) Hex(424242)

	Hex(4F6563)	Hex(798281)	Hex(51654F)	Hex(3D4242)	Hex(C2C2C2)	Hex(424242)
Hex(4F6563)		Ratio: 1.58 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.61 Failed ⁵
Hex(798281)	Ratio: 1.58 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(51654F)	Ratio: 1.01 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.59 Failed ⁵
Hex(3D4242)	Ratio: 1.64 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(C2C2C2)	Ratio: 3.49 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.61 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 5.64 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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