

Converting Colors - WCAG Matrix

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

Hex(42625E) Hex(4E8079) Hex(425662) Hex(2C3030) Hex(007062) Hex(00F0D2)

	Hex(42625E)	Hex(4E8079)	Hex(425662)	Hex(2C3030)	Hex(007062)	Hex(00F0D2)
Hex(42625E)		Ratio: 1.49 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(4E8079)	Ratio: 1.49 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(425662)	Ratio: 1.15 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(2C3030)	Ratio: 2.00 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 9.15 Passed ⁶
Hex(007062)	Ratio: 1.11 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 4.12 AA 18pt ²
Hex(00F0D2)	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 3.07 AA 18pt ²	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 9.15 Passed ⁶	Ratio: 4.12 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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