

Converting Colors - WCAG Matrix

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

Hex(A56562) Hex(D6726D) Hex(A58662) Hex(524A49) Hex(910700) Hex(120100)

	Hex(A56562)	Hex(D6726D)	Hex(A58662)	Hex(524A49)	Hex(910700)	Hex(120100)
Hex(A56562)		Ratio: 1.40 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴
Hex(D6726D)	Ratio: 1.40 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 6.30 AA ¹ AAA 18pt ⁴
Hex(A58662)	Ratio: 1.33 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.54 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 6.01 AA ¹ AAA 18pt ⁴
Hex(524A49)	Ratio: 1.91 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.54 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(910700)	Ratio: 2.08 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.17 Failed ⁵
Hex(120100)	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 2.36 Failed ⁵	Ratio: 2.17 Failed ⁵	

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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