

Converting Colors - WCAG Matrix

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

Hex(87AA95) Hex(6D8F7B) Hex(547563) Hex(3C5D4B) Hex(254534) Hex(0F2E1F) Hex(001B07) Hex(000000)

	Hex(87AA95)	Hex(6D8F7B)	Hex(547563)	Hex(3C5D4B)	Hex(254534)	Hex(0F2E1F)	Hex(001B07)	Hex(000000)
Hex(87AA95)		Ratio: 1.40 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 7.08 Passed ⁶	Ratio: 8.21 Passed ⁶
Hex(6D8F7B)	Ratio: 1.40 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 5.87 AA ¹ AAA 18pt ⁴
Hex(547563)	Ratio: 2.00 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 4.10 AA 18pt ²
Hex(3C5D4B)	Ratio: 2.87 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(254534)	Ratio: 4.15 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(0F2E1F)	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(001B07)	Ratio: 7.08 Passed ⁶	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 3.54 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 8.21 Passed ⁶	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.16 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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