

Converting Colors - WCAG Matrix

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

Hex(8FA787) Hex(B3D9A7) Hex(87A78F) Hex(4E544C) Hex(259400) Hex(051400)

	Hex(8FA787)	Hex(B3D9A7)	Hex(87A78F)	Hex(4E544C)	Hex(259400)	Hex(051400)
Hex(8FA787)		Ratio: 1.67 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 7.27 Passed ⁶
Hex(B3D9A7)	Ratio: 1.67 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 2.52 Failed ⁵	Ratio: 12.11 Passed ⁶
Hex(87A78F)	Ratio: 1.01 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 7.19 Passed ⁶
Hex(4E544C)	Ratio: 2.98 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 2.95 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(259400)	Ratio: 1.51 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 4.80 AA ¹ AAA 18pt ⁴
Hex(051400)	Ratio: 7.27 Passed ⁶	Ratio: 12.11 Passed ⁶	Ratio: 7.19 Passed ⁶	Ratio: 2.44 Failed ⁵	Ratio: 4.80 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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