

Converting Colors - WCAG Matrix

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

Hex(54755C) Hex(FFFFFF) Hex(86A98E) Hex(A1C5A9) Hex(BCE1C4) Hex(D8FDE0) Hex(F5FFFD)

	Hex(54755C)	Hex(FFFFFF)	Hex(86A98E)	Hex(A1C5A9)	Hex(BCE1C4)	Hex(D8FDE0)	Hex(F5FFFD)
Hex(54755C)		Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 5.06 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.15 AA ¹ AAA 18pt ⁴		Ratio: 2.60 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(86A98E)	Ratio: 1.98 Failed ⁵	Ratio: 2.60 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(A1C5A9)	Ratio: 2.72 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(BCE1C4)	Ratio: 3.61 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(D8FDE0)	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(F5FFFD)	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.08 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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