

Converting Colors - WCAG Matrix

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

	Hex(2A4236)	Hex(FFFFFF)	Hex(597265)	Hex(718C7E)	Hex(8BA698)	Hex(A6C2B3)	Hex(C1DDCE)	Hex(DDFAEA)	Hex(F9FFFF)
Hex(2A4236)		Ratio: 10.88 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 7.51 Passed ⁶	Ratio: 9.81 Passed ⁶	Ratio: 10.76 Passed ⁶
Hex(FFFFFF)	Ratio: 10.88 Passed ⁶		Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 3.65 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(597265)	Ratio: 2.08 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 5.17 AA ¹ AAA 18pt ⁴
Hex(718C7E)	Ratio: 2.98 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 3.61 AA 18pt ²
Hex(8BA698)	Ratio: 4.15 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(A6C2B3)	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 1.91 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(C1DDCE)	Ratio: 7.51 Passed ⁶	Ratio: 1.45 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(DDFAEA)	Ratio: 9.81 Passed ⁶	Ratio: 1.11 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 3.29 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(F9FFFF)	Ratio: 10.76 Passed ⁶	Ratio: 1.01 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 3.61 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.10 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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