

Converting Colors - WCAG Matrix

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

	Hex(3D473F)	Hex(F6FFF8)	Hex(6C776E)	Hex(869188)	Hex(A0ABA2)	Hex(BBC7BD)	Hex(D6E3D9)	Hex(F3FFF5)
Hex(3D473F)		Ratio: 9.48 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 7.30 Passed ⁶	Ratio: 9.41 Passed ⁶
Hex(F6FFF8)	Ratio: 9.48 Passed ⁶		Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 3.21 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(6C776E)	Ratio: 2.07 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴		Ratio: 1.43 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 4.54 AA ¹ AAA 18pt ⁴
Hex(869188)	Ratio: 2.96 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(A0ABA2)	Ratio: 4.07 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(BBC7BD)	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 1.71 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(D6E3D9)	Ratio: 7.30 Passed ⁶	Ratio: 1.30 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(F3FFF5)	Ratio: 9.41 Passed ⁶	Ratio: 1.01 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 3.18 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.29 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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