

Converting Colors - WCAG Matrix

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

	Hex(92B099)	Hex(78957F)	Hex(5F7B66)	Hex(47624E)	Hex(304A37)	Hex(1A3422)	Hex(031E0C)	Hex(000000)
Hex(92B099)		Ratio: 1.39 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 7.44 Passed ⁶	Ratio: 8.89 Passed ⁶
Hex(78957F)	Ratio: 1.39 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 6.40 AA ¹ AAA 18pt ⁴
Hex(5F7B66)	Ratio: 1.97 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 4.51 AA ¹ AAA 18pt ⁴
Hex(47624E)	Ratio: 2.85 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(304A37)	Ratio: 4.12 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(1A3422)	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 4.11 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(031E0C)	Ratio: 7.44 Passed ⁶	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 3.78 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 8.89 Passed ⁶	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 3.12 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.19 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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