

Converting Colors - WCAG Matrix

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

Hex(2F2F4A) Hex(565661) Hex(2F4A4A) Hex(2A2A30) Hex(B0B0B0) Hex(303030)

	Hex(2F2F4A)	Hex(565661)	Hex(2F4A4A)	Hex(2A2A30)	Hex(B0B0B0)	Hex(303030)
Hex(2F2F4A)		Ratio: 1.78 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(565661)	Ratio: 1.78 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.82 Failed ⁵
Hex(2F4A4A)	Ratio: 1.35 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(2A2A30)	Ratio: 1.10 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(B0B0B0)	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 3.34 AA 18pt ²	Ratio: 4.40 AA 18pt ²	Ratio: 6.58 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.02 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 6.09 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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