

Converting Colors - WCAG Matrix

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

Hex(333814) Hex(474A3D) Hex(381A14) Hex(26261C) Hex(A6A6A6) Hex(262626)

	Hex(333814)	Hex(474A3D)	Hex(381A14)	Hex(26261C)	Hex(A6A6A6)	Hex(262626)
Hex(333814)		Ratio: 1.35 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(474A3D)	Ratio: 1.35 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.67 Failed ⁵
Hex(381A14)	Ratio: 1.29 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(26261C)	Ratio: 1.25 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(A6A6A6)	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 3.73 AA 18pt ²	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 6.27 AA ¹ AAA 18pt ⁴		Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(262626)	Ratio: 1.24 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.22 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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