

Converting Colors - WCAG Matrix

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

Hex(363438) Hex(49484A) Hex(343638) Hex(262526) Hex(A6A6A6) Hex(262626)

Hex(363438)		Ratio: 1.35 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(49484A)	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.66 Failed ⁵
Hex(343638)	Ratio: 1.02 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(262526)	Ratio: 1.24 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(A6A6A6)	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 3.74 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 6.27 AA ¹ AAA 18pt ⁴		Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(262626)	Ratio: 1.23 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.25 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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