

Converting Colors - WCAG Matrix

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

Hex(353B3B) Hex(4A4D4D) Hex(353B35) Hex(252626) Hex(A6A6A6) Hex(262626)

	Hex(353B3B)	Hex(4A4D4D)	Hex(353B35)	Hex(252626)	Hex(A6A6A6)	Hex(262626)
Hex(353B3B)		Ratio: 1.34 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵
Hex(4A4D4D)	Ratio: 1.34 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.77 Failed ⁵
Hex(353B35)	Ratio: 1.01 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(252626)	Ratio: 1.33 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(A6A6A6)	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 3.51 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 6.23 AA ¹ AAA 18pt ⁴		Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(262626)	Ratio: 1.33 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.00 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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