

Converting Colors - WCAG Matrix

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

Hex(35063B) Hex(4A384D) Hex(060B3B) Hex(251A26) Hex(A6A6A6) Hex(262626)

	Hex(35063B)	Hex(4A384D)	Hex(060B3B)	Hex(251A26)	Hex(A6A6A6)	Hex(262626)
Hex(35063B)		Ratio: 1.58 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.95 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(4A384D)	Ratio: 1.58 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(060B3B)	Ratio: 1.11 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 7.71 Passed ⁶	Ratio: 1.24 Failed ⁵
Hex(251A26)	Ratio: 1.01 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(A6A6A6)	Ratio: 6.95 AA ¹ AAA 18pt ⁴	Ratio: 4.39 AA 18pt ²	Ratio: 7.71 Passed ⁶	Ratio: 6.88 AA ¹ AAA 18pt ⁴		Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(262626)	Ratio: 1.12 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 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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