

Converting Colors - WCAG Matrix

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

Hex(3B0000) Hex(4D3636) Hex(3B003B) Hex(261818) Hex(A6A6A6) Hex(262626)

	Hex(3B0000)	Hex(4D3636)	Hex(3B003B)	Hex(261818)	Hex(A6A6A6)	Hex(262626)
Hex(3B0000)		Ratio: 1.60 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 7.27 Passed ⁶	Ratio: 1.17 Failed ⁵
Hex(4D3636)	Ratio: 1.60 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵
Hex(3B003B)	Ratio: 1.05 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(261818)	Ratio: 1.03 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 7.04 Passed ⁶	Ratio: 1.13 Failed ⁵
Hex(A6A6A6)	Ratio: 7.27 Passed ⁶	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 7.04 Passed ⁶		Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(262626)	Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.13 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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