

Converting Colors - WCAG Matrix

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

Hex(4C4D4D) Hex(626363) Hex(4C4C4D) Hex(262626) Hex(003C66) Hex(0087E6)

Hex(4C4D4D)		Ratio: 1.41 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(626363)	Ratio: 1.41 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(4C4C4D)	Ratio: 1.01 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(262626)	Ratio: 1.78 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(003C66)	Ratio: 1.35 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.32 Failed ⁵	
Hex(0087E6)	Ratio: 2.27 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 3.05 AA 18pt ²

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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