

Converting Colors - WCAG Matrix

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

Hex(005530) Hex(4D6E5F) Hex(265500) Hex(24382F) Hex(B8B8B8) Hex(383838)

	Hex(005530)	Hex(4D6E5F)	Hex(265500)	Hex(24382F)	Hex(B8B8B8)	Hex(383838)
Hex(005530)		Ratio: 1.58 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(4D6E5F)	Ratio: 1.58 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(265500)	Ratio: 1.02 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 1.33 Failed ⁵
Hex(24382F)	Ratio: 1.39 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 6.29 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(B8B8B8)	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 2.85 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 6.29 AA ¹ AAA 18pt ⁴		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.31 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 5.91 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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