

Converting Colors - WCAG Matrix

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

Hex(539000) Hex(A2BA82) Hex(903C00) Hex(505E3C) Hex(DEDEDE) Hex(5E5E5E)

	Hex(539000)	Hex(A2BA82)	Hex(903C00)	Hex(505E3C)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(539000)		Ratio: 1.84 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(A2BA82)	Ratio: 1.84 Failed ⁵		Ratio: 3.49 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 1.58 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(903C00)	Ratio: 1.89 Failed ⁵	Ratio: 3.49 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(505E3C)	Ratio: 1.78 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(DEDEDE)	Ratio: 2.91 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.65 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.82 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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