

Converting Colors - WCAG Matrix

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

Hex(00901F) Hex(82BA8E) Hex(739000) Hex(3C5E44) Hex(DEDEDE) Hex(5E5E5E)

	Hex(00901F)	Hex(82BA8E)	Hex(739000)	Hex(3C5E44)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(00901F)		Ratio: 1.87 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.55 Failed ⁵
Hex(82BA8E)	Ratio: 1.87 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(739000)	Ratio: 1.14 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(3C5E44)	Ratio: 1.74 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 1.99 Failed ⁵		Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(DEDEDE)	Ratio: 3.12 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 5.43 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.55 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.13 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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