

Converting Colors - WCAG Matrix

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

Hex(008514) Hex(79AD81) Hex(718500) Hex(37573C) Hex(D6D6D6) Hex(575757)

	Hex(008514)	Hex(79AD81)	Hex(718500)	Hex(37573C)	Hex(D6D6D6)	Hex(575757)
Hex(008514)		Ratio: 1.86 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.50 Failed ⁵
Hex(79AD81)	Ratio: 1.86 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(718500)	Ratio: 1.16 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(37573C)	Ratio: 1.68 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.95 Failed ⁵		Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(D6D6D6)	Ratio: 3.31 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 5.58 AA ¹ AAA 18pt ⁴		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(575757)	Ratio: 1.50 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.97 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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