

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(3E3D3C) Hex(525151) Hex(3E3C3D) Hex(292928) Hex(A8A8A8) Hex(292929)

	Hex(3E3D3C)	Hex(525151)	Hex(3E3C3D)	Hex(292928)	Hex(A8A8A8)	Hex(292929)
Hex(3E3D3C)		Ratio: 1.37 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵
Hex(525151)	Ratio: 1.37 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.84 Failed ⁵
Hex(3E3C3D)	Ratio: 1.01 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵
Hex(292928)	Ratio: 1.34 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(A8A8A8)	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 3.33 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 6.12 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.34 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 6.12 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.