

Converting Colors - WCAG Matrix

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

Hex(585C5E) Hex(787A7A) Hex(585E5A) Hex(3C3D3D) Hex(BDBDBD) Hex(3D3D3D)

	Hex(585C5E)	Hex(787A7A)	Hex(585E5A)	Hex(3C3D3D)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(585C5E)		Ratio: 1.57 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.61 Failed ⁵
Hex(787A7A)	Ratio: 1.57 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(585E5A)	Ratio: 1.02 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.64 Failed ⁵
Hex(3C3D3D)	Ratio: 1.61 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(BDBDBD)	Ratio: 3.60 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 5.80 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.61 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 5.78 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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