

# Converting Colors - WCAG Matrix

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

Hex(455C2E) Hex(6F7866) Hex(5C452E) Hex(383D32) Hex(BDBDBD) Hex(3D3D3D)

	Hex(455C2E)	Hex(6F7866)	Hex(5C452E)	Hex(383D32)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(455C2E)		Ratio: 1.61 Failed <sup>5</sup>	Ratio: 1.20 Failed <sup>5</sup>	Ratio: 1.50 Failed <sup>5</sup>	Ratio: 3.96 AA 18pt <sup>2</sup>	Ratio: 1.46 Failed <sup>5</sup>
Hex(6F7866)	Ratio: 1.61 Failed <sup>5</sup>		Ratio: 1.94 Failed <sup>5</sup>	Ratio: 2.42 Failed <sup>5</sup>	Ratio: 2.45 Failed <sup>5</sup>	Ratio: 2.36 Failed <sup>5</sup>
Hex(5C452E)	Ratio: 1.20 Failed <sup>5</sup>	Ratio: 1.94 Failed <sup>5</sup>		Ratio: 1.25 Failed <sup>5</sup>	Ratio: 4.76 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 1.21 Failed <sup>5</sup>
Hex(383D32)	Ratio: 1.50 Failed <sup>5</sup>	Ratio: 2.42 Failed <sup>5</sup>	Ratio: 1.25 Failed <sup>5</sup>		Ratio: 5.94 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 1.03 Failed <sup>5</sup>
Hex(BDBDBD)	Ratio: 3.96 AA 18pt <sup>2</sup>	Ratio: 2.45 Failed <sup>5</sup>	Ratio: 4.76 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 5.94 AA <sup>1</sup> AAA 18pt <sup>4</sup>		Ratio: 5.78 AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(3D3D3D)	Ratio: 1.46 Failed <sup>5</sup>	Ratio: 2.36 Failed <sup>5</sup>	Ratio: 1.21 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>	Ratio: 5.78 AA <sup>1</sup> AAA 18pt <sup>4</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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