

# Converting Colors - WCAG Matrix

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

Hex(4F5C47) Hex(73786F) Hex(5C5347) Hex(3A3D38) Hex(BDBDBD) Hex(3D3D3D)

Hex(4F5C47)		<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.78</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>
Hex(73786F)	<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.41</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.40</a> Failed <sup>5</sup>
Hex(5C5347)	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.46</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.02</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>
Hex(3A3D38)	<a href="#">Ratio: 1.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.46</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.87</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>
Hex(BDBDBD)	<a href="#">Ratio: 3.78</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.41</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.02</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.87</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>		<a href="#">Ratio: 5.78</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(3D3D3D)	<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.40</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.78</a> 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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