

# Converting Colors - WCAG Matrix

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

**Hex(5A503E) Hex(75664A) Hex(565A3E) Hex(2E2C29) Hex(6E4600) Hex(ED9800)**

	Hex(5A503E)	Hex(75664A)	Hex(565A3E)	Hex(2E2C29)	Hex(6E4600)	Hex(ED9800)
Hex(5A503E)		<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.76</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.43</a> AA 18pt <sup>2</sup>
Hex(75664A)	<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.49</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.48</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.42</a> Failed <sup>5</sup>
Hex(565A3E)	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.11</a> AA 18pt <sup>2</sup>
Hex(2E2C29)	<a href="#">Ratio: 1.76</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.49</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.68</a> Failed <sup>5</sup>	<a href="#">Ratio: 6.03</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(6E4600)	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.48</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.68</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.58</a> AA 18pt <sup>2</sup>
Hex(ED9800)	<a href="#">Ratio: 3.43</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.11</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 6.03</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.58</a> AA 18pt <sup>2</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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