

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(727311) Hex(959600) Hex(427311) Hex(3B3B35) Hex(797A00) Hex(F7FA00)**

	Hex(727311)	Hex(959600)	Hex(427311)	Hex(3B3B35)	Hex(797A00)	Hex(F7FA00)
Hex(727311)		<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.46</a> AA 18pt <sup>2</sup>
Hex(959600)	<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.56</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>
Hex(427311)	<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.98</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.05</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(3B3B35)	<a href="#">Ratio: 2.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.56</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.98</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.47</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.00</a> Passed <sup>6</sup>
Hex(797A00)	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.47</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.05</a> AA 18pt <sup>2</sup>
Hex(F7FA00)	<a href="#">Ratio: 4.46</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.05</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 10.00</a> Passed <sup>6</sup>	<a href="#">Ratio: 4.05</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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