

# Converting Colors - WCAG Matrix

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

**Hex(FE0072) Hex(FF0073) Hex(F6FE00) Hex(807378) Hex(BF0056) Hex(40001D)**

	Hex(FE0072)	Hex(FF0073)	Hex(F6FE00)	Hex(807378)	Hex(BF0056)	Hex(40001D)
Hex(FE0072)		<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.50</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.63</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.42</a> AA 18pt <sup>2</sup>
Hex(FF0073)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.45</a> AA 18pt <sup>2</sup>
Hex(F6FE00)	<a href="#">Ratio: 3.50</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 4.11</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.70</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 15.45</a> Passed <sup>6</sup>
Hex(807378)	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.11</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.76</a> AA 18pt <sup>2</sup>
Hex(BF0056)	<a href="#">Ratio: 1.63</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.70</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.71</a> Failed <sup>5</sup>
Hex(40001D)	<a href="#">Ratio: 4.42</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.45</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 15.45</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.76</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.71</a> Failed <sup>5</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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