

# Converting Colors - WCAG Matrix

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

**Hex(744B4E) Hex(96565B) Hex(745C4B) Hex(3B3535) Hex(7A0009) Hex(FA0013)**

<b>Hex(744B4E)</b>		<a href="#">Ratio: 1.32</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.56</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>
<b>Hex(96565B)</b>	<a href="#">Ratio: 1.32</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>
<b>Hex(745C4B)</b>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.93</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.84</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>
<b>Hex(3B3535)</b>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.93</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.91</a> Failed <sup>5</sup>
<b>Hex(7A0009)</b>	<a href="#">Ratio: 1.56</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.84</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.77</a> Failed <sup>5</sup>
<b>Hex(FA0013)</b>	<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.91</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.77</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.

This PDF was generated on [convertingcolors.com](https://convertingcolors.com).