

Converting Colors

CIELCh(91, 7.650, 50.797)

Have a look what the booklet for
CIELCh(91, 7.650, 50.797) contains.

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Color

CIELCh(91, 7.784, 51.709)

Conversions

Conversions Part 1

Format	Color
Hex	F4E2DA
RGB	244, 226, 218
RGB Percent	96%, 89%, 85%
CMY	0.0442, 0.1147, 0.1461
CMYK	0.00, 0.07, 0.11, 0.04
HSL	18°, 54%, 90%
HSV	18°, 11%, 96%
XYZ	76.9610, 78.4833, 77.2431
YIQ	230.4700, 13.2960, 1.3280

Conversions

Conversions Part 2

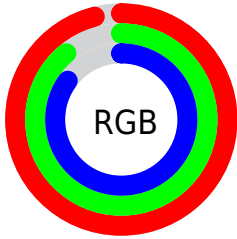
Format	Color
R_{YB}	244, 230, 218
Decimal	16048858
CIE Lab	91.00, 4.82, 6.11
CIE LCh	91, 7.784, 51.709
Yxy	78.4833, 0.3307, 0.3373
Android (android.graphics.Color)	4294238938 (0xFFFF4E2DA)
YUV	230.4700, -6.1477, 11.8658
Hunter-Lab	88.5908, 0.0334, 10.3181

Details

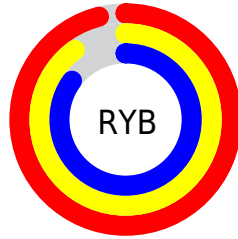
The CIELCh color **91, 7.784, 51.709** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 7.350, 233.469**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 7.921, 53.025** is the 20% darker color. If you saturate the color by 10%, you get **86, 15.667, 51.135**, and if you desaturate by 10%, it is **96, 0.463, 51.234**.

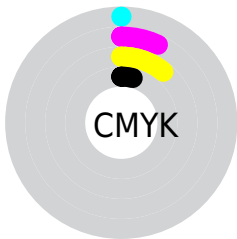
Distribution



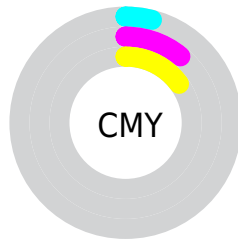
- Red (96%)
- Green (89%)
- Blue (85%)



- Red (96%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 7.784, 51.709 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 91, 7.784, 51.709 by changing the saturation by 10% instead.

 91, 7.784, 51.709	 91, 7.784, 51.709
 100, 7.784, 51.709	 81, 7.784, 51.709
	 71, 7.784, 51.709
	 61, 7.784, 51.709
	 51, 7.784, 51.709
	 41, 7.784, 51.709
	 31, 7.784, 51.709
	 21, 7.784, 51.709
	 11, 7.784, 51.709
	 1, 7.784, 51.709

91, 7.784, 51.709

91, 7.784, 51.709

86, 15.667, 51.135

96, 0.463, 51.234

82, 24.167, 50.591

99, 3.891, 199.329

77, 33.324, 50.137

73, 43.145, 49.793

69, 53.570, 49.564

65, 64.402, 49.407

62, 75.154, 49.180

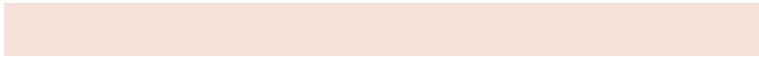
59, 84.761, 48.524

56, 91.569, 47.229

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91, 7.784, 51.709



92, 7.350, 233.469

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 7.784, 51.709



91, 7.784, 101.709



91, 7.784, 231.709



91, 7.784, 281.709

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91, 7.784, 51.729



99, 2.205, 52.052



90, 13.285, 334.993



52, 1.677, 52.055



0, 0.000, 0.000



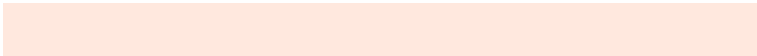
53, 0.007, 296.813

Same Dimension

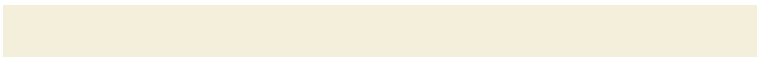
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 7.784, 51.729



94, 9.931, 51.588



94, 10.812, 99.168



49, 4.144, 51.798



43, 74.336, 47.792



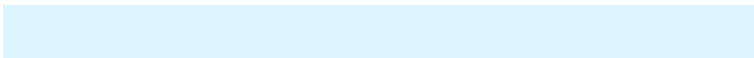
12, 25.983, 43.389

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



92, 7.350, 233.469



95, 9.247, 233.677



89, 10.949, 281.717



49, 3.941, 233.373



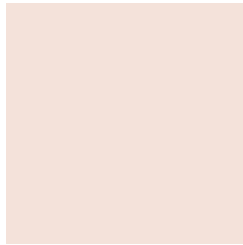
51, 39.158, 257.600



15, 16.395, 249.778

Previews

White Background



This preview shows how the CIELCh color 91, 7.784, 51.709 looks on a white background.

Color Contrast Check

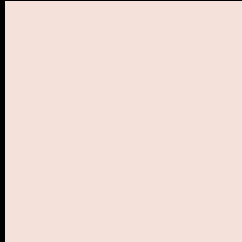
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 7.784, 51.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

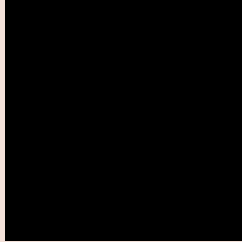
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

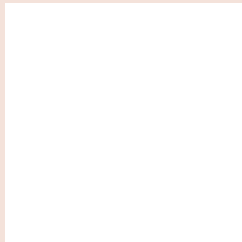
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 7.784, 51.709

Background



This preview shows how black text looks on a background with the CIELCh color 91, 7.784, 51.709.

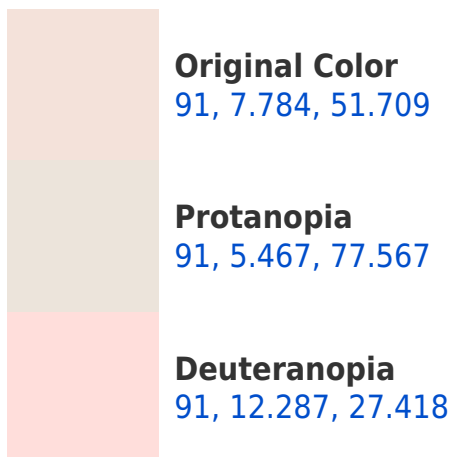


This preview shows how white text looks on a background with the CIELCh color 91, 7.784, 51.709.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

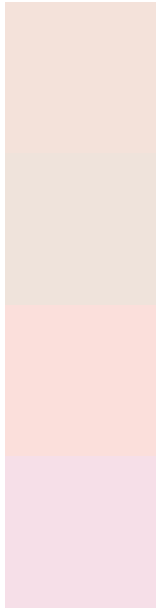
Dichromacy





Tritanopia
91, 12.923, 334.145

Trichromacy



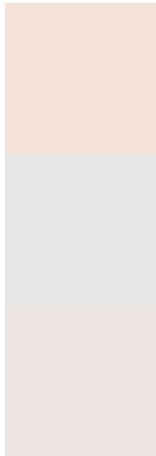
Original Color
91, 7.784, 51.709

Protanomaly
91, 6.005, 62.957

Deuteranomaly
91, 10.519, 31.341

Tritanomaly
91, 9.512, 350.760

Monochromacy



Original Color
91, 7.784, 51.709

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.710, 41.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 7.784, 51.709 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(244, 226, 218)` looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(244, 226, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 7.784, 51.709 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 226, 218) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(244, 226, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(244, 226, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 226, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 226, 218);  
box-shadow:4px 4px 4px 4px rgb(244, 226,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 7.784, 51.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 226, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(244,  
226, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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