

Converting Colors

CIELCh(91, 13.365, 47.721)

Have a look what the booklet for
CIELCh(91, 13.365, 47.721) contains.

CIELCh(91, 13.170, 48.012)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(91, 13.170, 48.012)

Conversions

Conversions Part 1

Format	Color
Hex	FEDFD3
RGB	254, 223, 211
RGB Percent	100%, 87%, 83%
CMY	0.0043, 0.1258, 0.1729
CMYK	0.00, 0.12, 0.17, 0.00
HSL	17°, 95%, 91%
HSV	17°, 17%, 100%
XYZ	78.9532, 78.4833, 72.5608
YIQ	230.9010, 22.3280, 2.8400

Conversions

Conversions Part 2

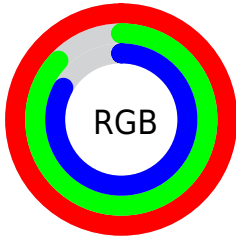
Format	Color
RYB	254, 228, 211
Decimal	16703443
CIELab	91.00, 8.81, 9.79
CIElCh	91, 13.170, 48.012
Yxy	78.4833, 0.3433, 0.3412
Android (android.graphics.Color)	4294893523 (0xFFFEFD3)
YUV	230.9010, -9.8112, 20.2578
Hunter-Lab	88.5908, 4.0475, 13.4518

Details

The CIELCh color **91, 13.170, 48.012** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 11.908, 230.289**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 13.312, 49.402** is the 20% darker color. If you saturate the color by 10%, you get **86, 21.801, 47.605**, and if you desaturate by 10%, it is **96, 5.184, 48.473**.

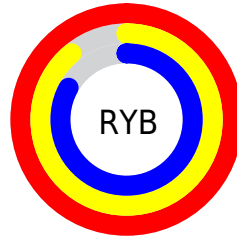
Distribution



Red (100%)

Green (87%)

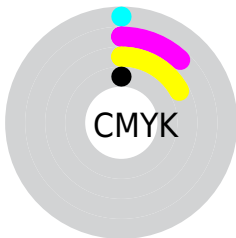
Blue (83%)



Red (100%)

Yellow (89%)

Blue (83%)

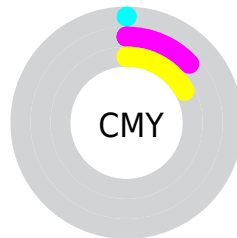


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 13.170, 48.012 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, 13.170, 48.012 by changing the saturation by 10% instead.

 91, 13.170, 48.012

 91, 13.170, 48.012

 100, 13.170,
48.012

 81, 13.170, 48.012

 71, 13.170, 48.012

 61, 13.170, 48.012

 51, 13.170, 48.012

 41, 13.170, 48.012

 31, 13.170, 48.012

 21, 13.170, 48.012

 11, 13.170, 48.012

 1, 13.170, 48.012

91, 13.170, 48.012

91, 13.170, 48.012

86, 21.801, 47.605

96, 5.184, 48.473

81, 31.127, 47.283

100, 0.378,
201.136

77, 41.172, 47.088

72, 51.902, 47.038

68, 63.175, 47.117

64, 74.622, 47.233

61, 85.382, 47.114

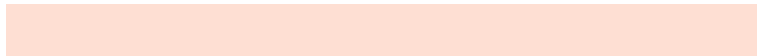
58, 93.802, 46.187

58, 95.971, 45.859

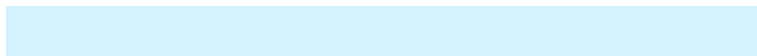
Harmonies

Complementary

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



91, 13.170, 48.012



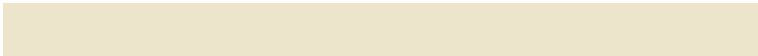
94, 11.908, 230.289

Rectangle

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



91, 13.170, 48.012



91, 13.170, 98.012



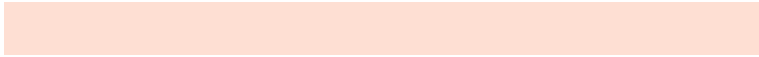
91, 13.170, 228.012



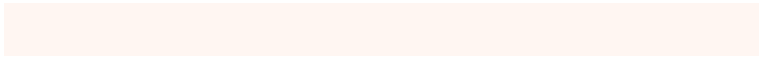
91, 13.170, 278.012

Sweetspot

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



91, 13.169, 48.025



97, 3.723, 48.533



89, 22.413, 334.107



52, 2.547, 48.515



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, 13.169, 48.025



90, 15.800, 47.888



96, 17.203, 96.302



50, 4.309, 48.365



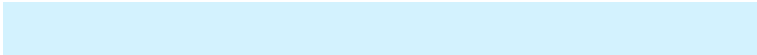
44, 77.061, 46.390



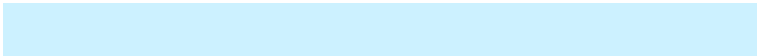
13, 28.837, 42.285

Inverse Universe

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



94, 11.908, 230.289



93, 14.001, 230.575



88, 17.447, 280.565



51, 4.084, 229.708



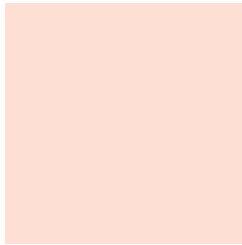
54, 38.268, 252.264



17, 16.883, 245.459

Previews

White Background



This preview shows how the CIE LCh color 91, 13.170, 48.012 looks on a white background.

Color Contrast Check

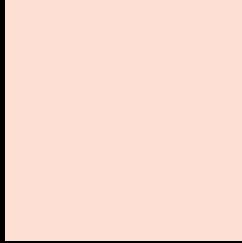
Large Text (above 18pt) WCAG AA × Fail

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, 13.170, 48.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

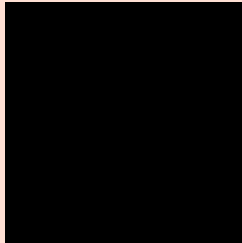
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

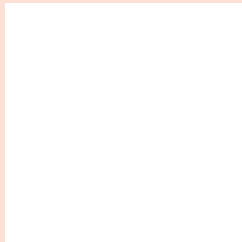
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 13.170, 48.012

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.170, 48.012.

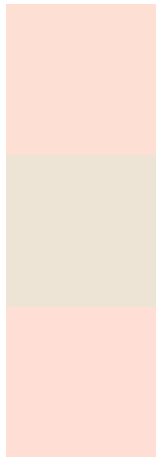


This preview shows how white text looks on a background with the CIELCh color 91, 13.170, 48.012.

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



Original Color

91, 13.170, 48.012

Protanopia

91, 7.935, 84.933

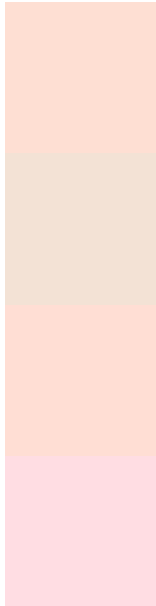
Deuteranopia

91, 13.176, 40.726



Tritanopia
91, 15.064, 347.227

Trichromacy



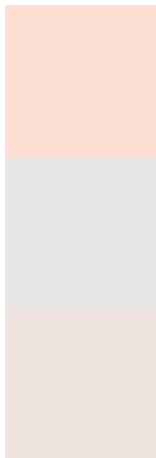
Original Color
91, 13.170, 48.012

Protanomaly
91, 9.194, 66.450

Deuteranomaly
91, 13.390, 42.738

Tritanomaly
91, 12.770, 6.297

Monochromacy



Original Color
91, 13.170, 48.012

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.471, 46.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.170, 48.012 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(254, 223, 211)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 211)  
}
```

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(254, 223, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.170, 48.012 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(254, 223, 211) }
```

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

```
.border{ border-color:rgb(254, 223, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 211);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.170, 48.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 211) }
```

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

```
.background{ background-color: rgb(254,  
223, 211) }
```

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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