

Converting Colors

CIELCh(91, 17.212, 66.909)

Have a look what the booklet for
CIELCh(91, 17.212, 66.909) contains.

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Color

CIELCh(91, 17.310, 67.794)

Conversions

Conversions Part 1

Format	Color
Hex	FEE0C7
RGB	254, 224, 199
RGB Percent	100%, 88%, 78%
CMY	0.0040, 0.1217, 0.2197
CMYK	0.00, 0.12, 0.22, 0.00
HSL	27°, 96%, 89%
HSV	27°, 22%, 100%
XYZ	77.8157, 78.4833, 65.0630
YIQ	230.1200, 25.9050, -1.4150

Conversions

Conversions Part 2

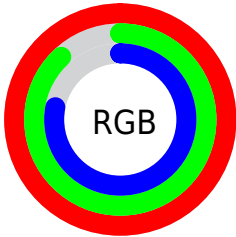
Format	Color
R _Y B	254, 245, 199
Decimal	16703687
CIE Lab	91.00, 6.54, 16.03
CIE LCh	91, 17.310, 67.794
Yxy	78.4833, 0.3515, 0.3545
Android (android.graphics.Color)	4294893767 (0xFFFE0C7)
YUV	230.1200, -15.3422, 20.9428
Hunter-Lab	88.5908, 1.7554, 18.4697

Details

The CIELCh color **91, 17.310, 67.794** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 16.058, 253.419**, 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, 17.423, 68.052** is the 20% darker color. If you saturate the color by 10%, you get **87, 26.025, 66.647**, and if you desaturate by 10%, it is **95, 9.062, 68.947**.

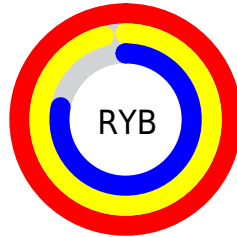
Distribution



Red (100%)

Green (88%)

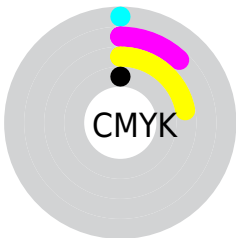
Blue (78%)



Red (100%)

Yellow (96%)

Blue (78%)

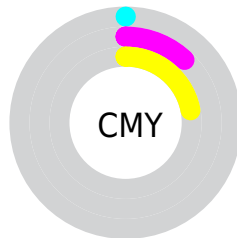


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 17.310, 67.794 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, 17.310, 67.794 by changing the saturation by 10% instead.

 91, 17.310, 67.794

 91, 17.310, 67.794

 100, 17.310,
67.794

 81, 17.310, 67.794

 71, 17.310, 67.794

 61, 17.310, 67.794

 51, 17.310, 67.794

 41, 17.310, 67.794

 31, 17.310, 67.794

 21, 17.310, 67.794

 11, 17.310, 67.794

 1, 17.310, 67.794

91, 17.310, 67.794

91, 17.310, 67.794

87, 26.025, 66.647

95, 9.062, 68.947

83, 35.224, 65.496

99, 1.247, 69.775

80, 44.881, 64.351

100, 0.357,
201.237

76, 54.888, 63.194

73, 64.969, 61.961

70, 74.521, 60.493

67, 82.445, 58.473

65, 87.198, 56.213

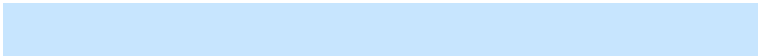
Harmonies

Complementary

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



91, 17.310, 67.794



90, 16.058, 253.419

Rectangle

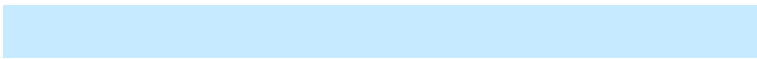
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 17.310, 67.794



91, 17.310, 117.794



91, 17.310, 247.794



91, 17.310, 297.794

Sweetspot

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



91, 17.310, 67.804



98, 4.607, 69.554



86, 25.337, 342.879



52, 3.062, 69.488



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, 17.310, 67.804



90, 21.107, 67.301



98, 26.445, 105.895



51, 4.409, 69.185



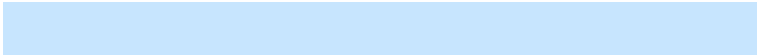
49, 70.122, 56.912



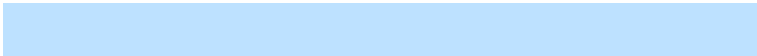
15, 27.121, 57.355

Inverse Universe

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



90, 16.058, 253.419



88, 19.248, 254.184



83, 27.680, 290.698



51, 4.281, 251.606



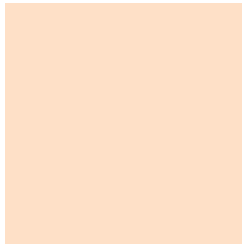
44, 53.174, 279.369



13, 21.874, 272.477

Previews

White Background



This preview shows how the CIE LCh color 91, 17.310, 67.794 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 CIELCh color 91, 17.310, 67.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

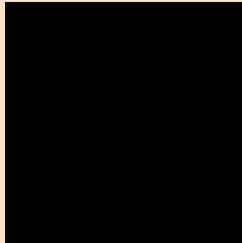
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 17.310, 67.794

Background



This preview shows how black text looks on a background with the CIELCh color 91, 17.310, 67.794.



This preview shows how white text looks on a background with the CIELCh color 91, 17.310, 67.794.

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, 17.310, 67.794

Protanopia

91, 15.016, 93.001

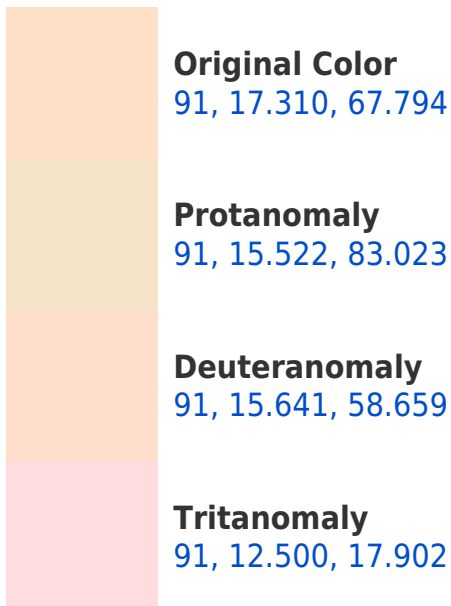
Deuteranopia

91, 14.655, 54.197



Tritanopia
91, 14.800, 348.919

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 17.310, 67.794 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, 224, 199)` looks like.

```
.text, #text, p{  
    color:rgb(254, 224, 199)  
}
```

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, 224, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 224, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 17.310, 67.794 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, 224, 199) }
```

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

```
.border{ border-color:rgb(254, 224, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 224, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 224, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 224, 199);  
box-shadow:4px 4px 4px 4px rgb(254, 224,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 17.310, 67.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 224, 199) }
```

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

```
.background{ background-color: rgb(254,  
224, 199) }
```

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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