

Converting Colors

CIELCh(100, 41.752, 32.711)

Have a look what the booklet for
CIELCh(100, 41.752, 32.711)
contains.

CIELCh(92, 12.711, 57.163)	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(92, 12.711, 57.163)

Conversions

Conversions Part 1

Format	Color
Hex	FEE3D4
RGB	254, 227, 212
RGB Percent	100%, 89%, 83%
CMY	0.0043, 0.1100, 0.1688
CMYK	0.00, 0.11, 0.17, 0.00
HSL	21°, 95%, 91%
HSV	21°, 17%, 100%
XYZ	80.1651, 80.7044, 73.6040
YIQ	233.3630, 20.9070, 1.0590

Conversions

Conversions Part 2

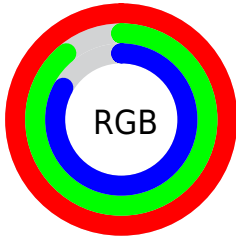
Format	Color
R _Y B	254, 235, 212
Decimal	16704468
CIE Lab	92.00, 6.89, 10.68
CIE LCh	92, 12.711, 57.163
Yxy	80.7044, 0.3419, 0.3442
Android (android.graphics.Color)	4294894548 (0xFFFE3D4)
YUV	233.3630, -10.5320, 18.0986
Hunter-Lab	89.8356, 2.0726, 14.3076

Details

The CIELCh color **92, 12.711, 57.163** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 11.715, 240.481**, 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 **72, 12.881, 58.942** is the 20% darker color. If you saturate the color by 10%, you get **87, 21.141, 56.367**, and if you desaturate by 10%, it is **97, 4.846, 57.972**.

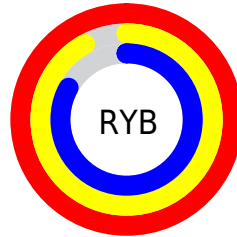
Distribution



Red (100%)

Green (89%)

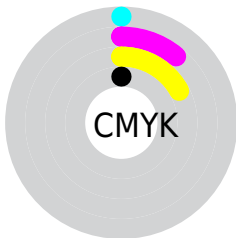
Blue (83%)



Red (100%)

Yellow (92%)

Blue (83%)

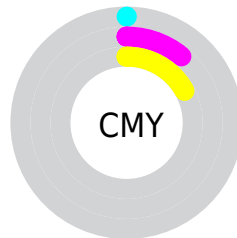


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 12.711, 57.163 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 92, 12.711, 57.163 by changing the saturation by 10% instead.

 92, 12.711, 57.163

 92, 12.711, 57.163

 100, 12.711,
57.163

 82, 12.711, 57.163

 72, 12.711, 57.163

 62, 12.711, 57.163

 52, 12.711, 57.163

 42, 12.711, 57.163

 32, 12.711, 57.163

 22, 12.711, 57.163

 12, 12.711, 57.163

 2, 12.711, 57.163

92, 12.711, 57.163

92, 12.711, 57.163

87, 21.141, 56.367

97, 4.846, 57.972

83, 30.183, 55.606

100, 0.381,
201.123

79, 39.855, 54.914

75, 50.128, 54.294

71, 60.859, 53.719

67, 71.684, 53.090

64, 81.781, 52.158

61, 89.673, 50.434

60, 91.969, 49.755

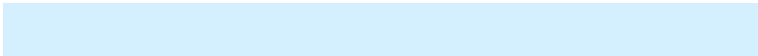
Harmonies

Complementary

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



92, 12.711, 57.163



93, 11.715, 240.481

Rectangle

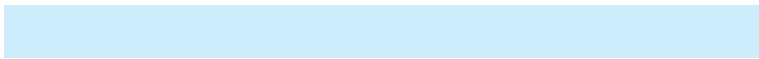
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 12.711, 57.163



92, 12.711, 107.163



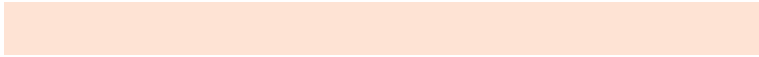
92, 12.711, 237.163



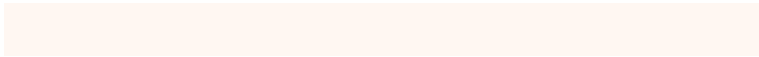
92, 12.711, 287.163

Sweetspot

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



92, 12.711, 57.176



98, 3.706, 58.071



89, 20.624, 337.588



52, 2.535, 58.028



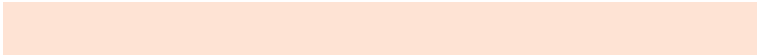
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 12.711, 57.176



91, 15.629, 56.891



97, 18.268, 101.411



51, 4.282, 57.748



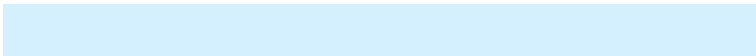
46, 73.865, 50.386



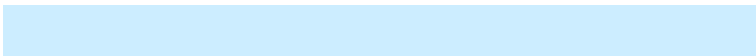
14, 27.867, 48.433

Inverse Universe

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



93, 11.715, 240.481



92, 14.131, 240.931



88, 18.720, 285.291



51, 4.097, 239.689



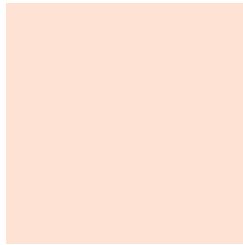
49, 43.700, 266.150



15, 18.598, 258.879

Previews

White Background



This preview shows how the CIE LCh color 92, 12.711, 57.163 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 92, 12.711, 57.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

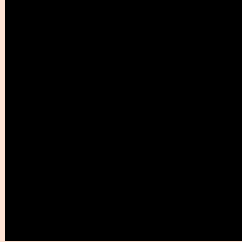
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

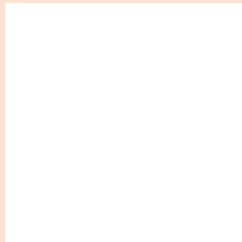
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 12.711, 57.163

Background



This preview shows how black text looks on a background with the CIELCh color 92, 12.711, 57.163.

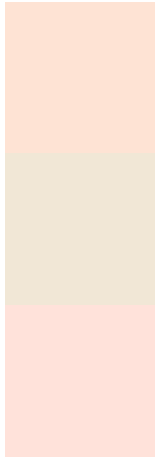


This preview shows how white text looks on a background with the CIELCh color 92, 12.711, 57.163.

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

92, 12.723, 57.158

Protanopia

92, 9.488, 86.594

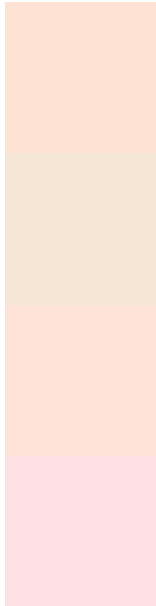
Deuteranopia

92, 11.502, 40.963



Tritanopia
92, 13.547, 345.549

Trichromacy



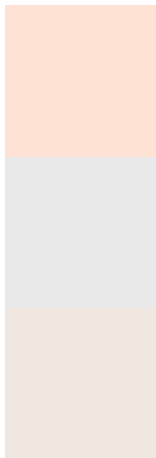
Original Color
92, 12.723, 57.158

Protanomaly
92, 10.570, 75.330

Deuteranomaly
92, 11.947, 45.475

Tritanomaly
92, 11.095, 9.475

Monochromacy



Original Color
92, 12.723, 57.158

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.741, 60.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 12.711, 57.163 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, 227, 212)` looks like.

```
.text, #text, p{  
    color:rgb(254, 227, 212)  
}
```

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, 227, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 12.711, 57.163 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, 227, 212) }
```

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

```
.border{ border-color:rgb(254, 227, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 227, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 227, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 227, 212);  
box-shadow:4px 4px 4px 4px rgb(254, 227,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 12.711, 57.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 227, 212) }
```

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

```
.background{ background-color: rgb(254,  
227, 212) }
```

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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