

Converting Colors

CIELCh(91, 15.220, 58.210)

Have a look what the booklet for
CIELCh(91, 15.220, 58.210) contains.

CIELCh(91, 15.302, 57.238)	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, 15.302, 57.238)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFCD
RGB	255, 223, 205
RGB Percent	100%, 87%, 80%
CMY	0.0000, 0.1253, 0.1959
CMYK	0.00, 0.13, 0.20, 0.00
HSL	22°, 100%, 90%
HSV	22°, 20%, 100%
XYZ	78.6866, 78.4833, 68.7916
YIQ	230.5160, 24.8500, 1.1860

Conversions

Conversions Part 2

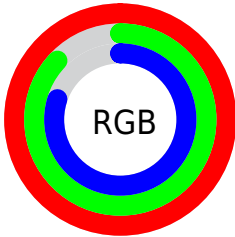
Format	Color
RYB	255, 233, 205
Decimal	16768973
CIELab	91.00, 8.28, 12.87
CIELCh	91, 15.302, 57.238
Yxy	78.4833, 0.3482, 0.3473
Android (android.graphics.Color)	4294959053 (0xFFFFDFCD)
YUV	230.5160, -12.5794, 21.4725
Hunter-Lab	88.5908, 3.5102, 15.9744

Details

The CIELCh color **91, 15.302, 57.238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 13.866, 241.293**, 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, 15.289, 57.122** is the 20% darker color. If you saturate the color by 10%, you get **87, 23.925, 56.483**, and if you desaturate by 10%, it is **96, 7.225, 58.125**.

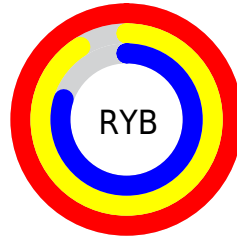
Distribution



Red (100%)

Green (87%)

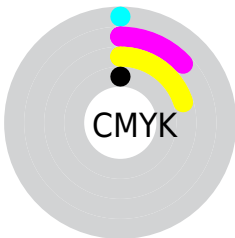
Blue (80%)



Red (100%)

Yellow (91%)

Blue (80%)

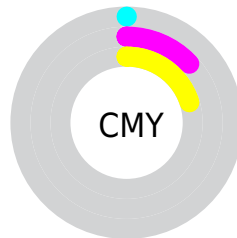


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 15.302, 57.238 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, 15.302, 57.238 by changing the saturation by 10% instead.

 91, 15.302, 57.238

 91, 15.302, 57.238

 100, 15.302,
57.238

 81, 15.302, 57.238

 71, 15.302, 57.238

 61, 15.302, 57.238

 51, 15.302, 57.238

 41, 15.302, 57.238

 31, 15.302, 57.238

 21, 15.302, 57.238

 11, 15.302, 57.238

 1, 15.302, 57.238

91, 15.302, 57.238

91, 15.302, 57.238

87, 23.925, 56.483

96, 7.225, 58.125

82, 33.184, 55.725

100, 0.012,
296.813

78, 43.069, 55.037

74, 53.523, 54.414

70, 64.352, 53.812

67, 75.076, 53.099

64, 84.675, 51.954

61, 91.833, 50.003

61, 92.111, 49.930

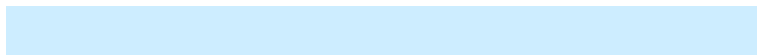
Harmonies

Complementary

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



91, 15.302, 57.238



92, 13.866, 241.293

Rectangle

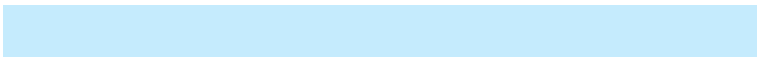
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 15.302, 57.238



91, 15.302, 107.238



91, 15.302, 237.238



91, 15.302, 287.238

Sweetspot

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



91, 15.285, 57.296



97, 4.465, 58.396



88, 24.574, 337.836



52, 2.969, 58.351



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, 15.285, 57.296



89, 19.024, 56.932



97, 21.738, 101.063



51, 4.284, 58.131



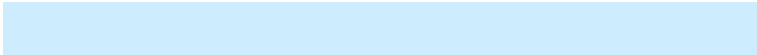
46, 73.734, 50.573



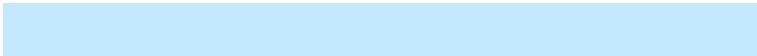
14, 27.833, 48.705

Inverse Universe

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



92, 13.866, 241.293



90, 16.835, 241.918



86, 22.381, 285.730



51, 4.100, 240.093



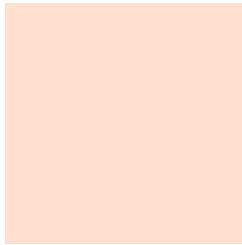
49, 43.968, 266.653



15, 18.687, 259.383

Previews

White Background



This preview shows how the CIE LCh color 91, 15.302, 57.238 looks on a white background.

Color Contrast Check

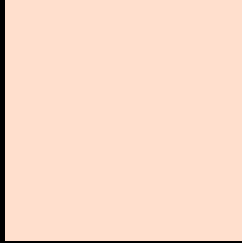
Large Text (above 18pt) WCAG AA × Fail

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, 15.302, 57.238 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, 15.302, 57.238

Background



This preview shows how black text looks on a background with the CIELCh color 91, 15.302, 57.238.

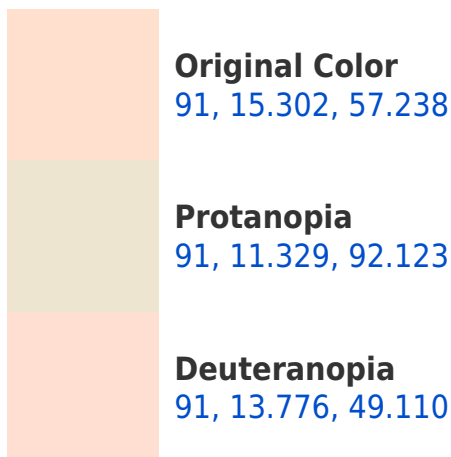


This preview shows how white text looks on a background with the CIELCh color 91, 15.302, 57.238.

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](#).

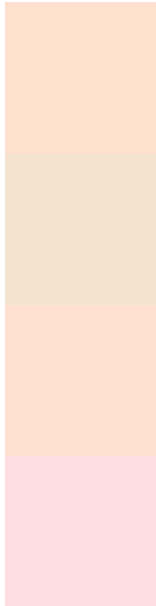
Dichromacy





Tritanopia
91, 14.800, 348.919

Trichromacy



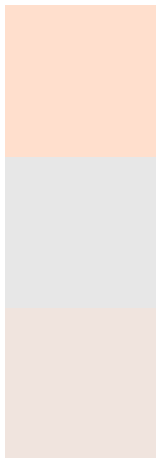
Original Color
91, 15.302, 57.238

Protanomaly
91, 12.125, 77.720

Deuteranomaly
91, 14.349, 52.573

Tritanomaly
91, 12.543, 13.203

Monochromacy



Original Color
91, 15.302, 57.238

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 5.333, 54.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 15.302, 57.238 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(255, 223, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 205)  
}
```

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(255, 223, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 15.302, 57.238 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(255, 223, 205) }
```

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

```
.border{ border-color:rgb(255, 223, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 15.302, 57.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 205) }
```

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

```
.background{ background-color: rgb(255,  
223, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor