

Converting Colors

CIELCh(91, 15.695, 61.552)

Have a look what the booklet for
CIELCh(91, 15.695, 61.552) contains.

CIELCh(91, 15.759, 63.162)	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, 15.759, 63.162)

Conversions

Conversions Part 1

Format	Color
Hex	FEE0CB
RGB	254, 224, 203
RGB Percent	100%, 88%, 80%
CMY	0.0050, 0.1226, 0.2050
CMYK	0.00, 0.12, 0.20, 0.01
HSL	25°, 95%, 90%
HSV	25°, 20%, 99%
XYZ	78.1018, 78.4833, 67.3660
YIQ	230.5760, 24.6210, -0.1710

Conversions

Conversions Part 2

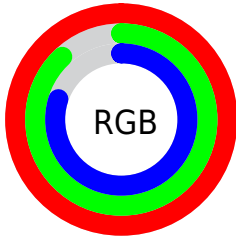
Format	Color
RYB	254, 239, 203
Decimal	16703691
CIELab	91.00, 7.11, 14.06
CIELCh	91, 15.759, 63.162
Yxy	78.4833, 0.3487, 0.3504
Android (android.graphics.Color)	4294893771 (0xFFFE0CB)
YUV	230.5760, -13.5950, 20.5428
Hunter-Lab	88.5908, 2.3319, 16.9284

Details

The CIELCh color **91, 15.759, 63.162** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 14.494, 247.948**, 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, 15.769, 63.311** is the 20% darker color. If you saturate the color by 10%, you get **87, 24.361, 62.152**, and if you desaturate by 10%, it is **95, 7.675, 64.191**.

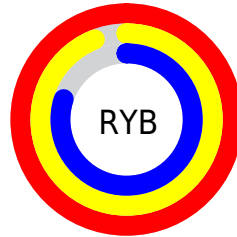
Distribution



Red (100%)

Green (88%)

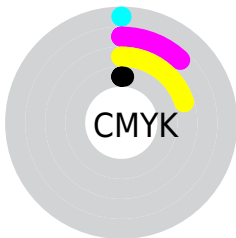
Blue (80%)



Red (100%)

Yellow (94%)

Blue (80%)

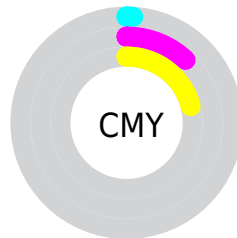


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (1%)



Cyan (1%)

Magenta (12%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 15.759, 63.162 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, 15.759, 63.162 by changing the saturation by 10% instead.

 91, 15.759, 63.162

 91, 15.759, 63.162

 100, 15.759,
63.162

 81, 15.759, 63.162

 71, 15.759, 63.162

 61, 15.759, 63.162

 51, 15.759, 63.162

 41, 15.759, 63.162

 31, 15.759, 63.162

 21, 15.759, 63.162

 11, 15.759, 63.162

 1, 15.759, 63.162

91, 15.759, 63.162

91, 15.759, 63.162

87, 24.361, 62.152

95, 7.675, 64.191

83, 33.510, 61.157

100, 0.064, 57.136

79, 43.202, 60.196

100, 0.444,
200.870

75, 53.361, 59.257

72, 63.767, 58.287

68, 73.904, 57.148

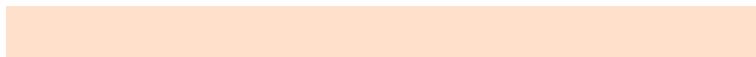
65, 82.742, 55.527

63, 89.143, 53.163

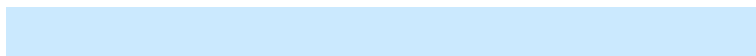
Harmonies

Complementary

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



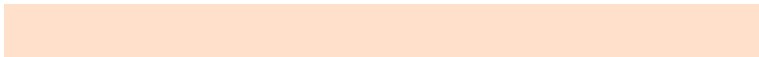
91, 15.759, 63.162



91, 14.494, 247.948

Rectangle

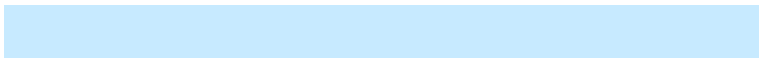
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 15.759, 63.162



91, 15.759, 113.162



91, 15.759, 243.162



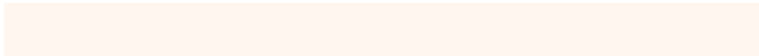
91, 15.759, 293.162

Sweetspot

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



91, 15.759, 63.173



97, 4.521, 64.576



87, 24.269, 340.218



52, 3.005, 64.519



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, 15.759, 63.173



90, 19.132, 62.772



97, 23.350, 103.662



51, 4.332, 64.248



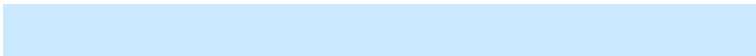
48, 71.684, 53.840



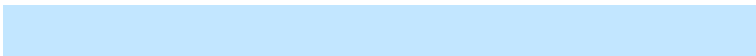
15, 27.370, 53.294

Inverse Universe

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



91, 14.494, 247.948



89, 17.276, 248.574



84, 24.217, 288.266



51, 4.178, 246.499



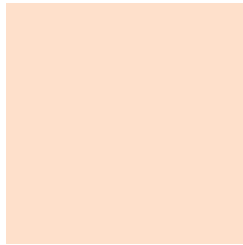
46, 48.711, 274.087



14, 20.301, 266.948

Previews

White Background



This preview shows how the CIE LCh color 91, 15.759, 63.162 looks on a white background.

Color Contrast Check

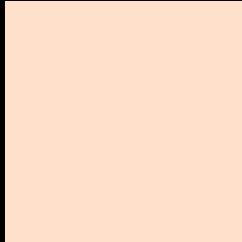
Large Text (above 18pt) WCAG AA × Fail

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, 15.759, 63.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

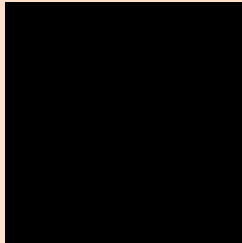
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 15.759, 63.162

Background



This preview shows how black text looks on a background with the CIELCh color 91, 15.759, 63.162.

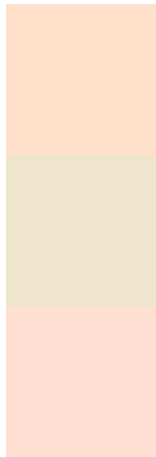


This preview shows how white text looks on a background with the CIELCh color 91, 15.759, 63.162.

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, 15.759, 63.162

Protanopia

91, 12.924, 92.363

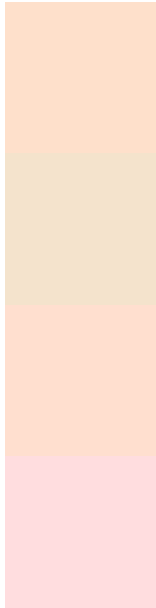
Deuteranopia

91, 14.056, 50.877



Tritanopia
91, 14.800, 348.919

Trichromacy



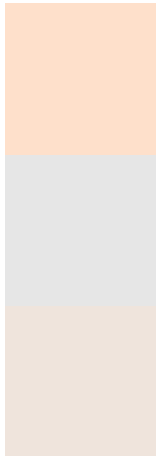
Original Color
91, 15.759, 63.162

Protanomaly
91, 13.486, 80.944

Deuteranomaly
91, 14.655, 54.197

Tritanomaly
91, 12.511, 15.548

Monochromacy



Original Color
91, 15.759, 63.162

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.738, 65.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 15.759, 63.162 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(254, 224, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 224, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 15.759, 63.162 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, 203) }
```

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

```
.border{ border-color:rgb(254, 224, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 224, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 224, 203);  
box-shadow:4px 4px 4px 4px rgb(254, 224,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 15.759, 63.162 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, 203) }
```

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

```
.background{ background-color: rgb(254,  
224, 203) }
```

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