

Converting Colors

CIELCh(91, 19.428, 60.163)

Have a look what the booklet for
CIELCh(91, 19.428, 60.163) contains.

CIELCh(91, 17.766, 63.977)	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, 17.766, 63.977)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFC7
RGB	255, 223, 199
RGB Percent	100%, 87%, 78%
CMY	0.0000, 0.1248, 0.2190
CMYK	0.00, 0.12, 0.22, 0.00
HSL	26°, 100%, 89%
HSV	26°, 22%, 100%
XYZ	78.4424, 78.4833, 65.1341
YIQ	229.8320, 26.7760, -0.6800

Conversions

Conversions Part 2

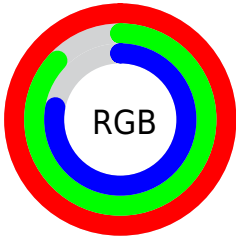
Format	Color
R _Y B	255, 241, 199
Decimal	16768967
CIE Lab	91.00, 7.79, 15.96
CIE LCh	91, 17.766, 63.977
Yxy	78.4833, 0.3532, 0.3534
Android (android.graphics.Color)	4294959047 (0xFFFFDFC7)
YUV	229.8320, -15.2002, 22.0723
Hunter-Lab	88.5908, 3.0182, 18.4221

Details

The CIELCh color **91, 17.766, 63.977** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 16.005, 250.504**, 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, 17.599, 64.986** is the 20% darker color. If you saturate the color by 10%, you get **87, 26.168, 63.969**, and if you desaturate by 10%, it is **95, 9.196, 66.130**.

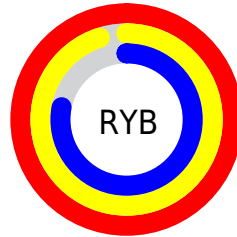
Distribution



Red (100%)

Green (87%)

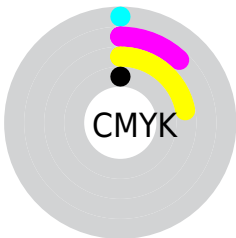
Blue (78%)



Red (100%)

Yellow (95%)

Blue (78%)

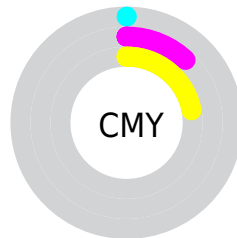


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 17.766, 63.977 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, 17.766, 63.977 by changing the saturation by 10% instead.

 91, 17.766, 63.977

 91, 17.766, 63.977

 100, 17.766,
63.977

 81, 17.766, 63.977

 71, 17.766, 63.977

 61, 17.766, 63.977

 51, 17.766, 63.977

 41, 17.766, 63.977

 31, 17.766, 63.977

 21, 17.766, 63.977

 11, 17.766, 63.977

 1, 17.766, 63.977

91, 17.766, 63.977

91, 17.766, 63.977

87, 26.168, 63.969

95, 9.196, 66.130

83, 35.430, 62.905

99, 1.424, 66.936

79, 45.197, 61.863

100, 0.012,
296.813

75, 55.367, 60.824

72, 65.670, 59.723

69, 75.503, 58.396

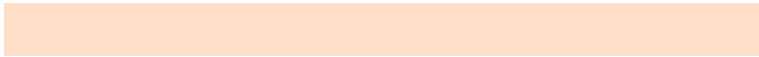
66, 83.732, 56.506

64, 88.603, 54.417

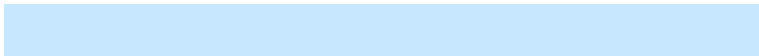
Harmonies

Complementary

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



91, 17.766, 63.977



90, 16.005, 250.504

Rectangle

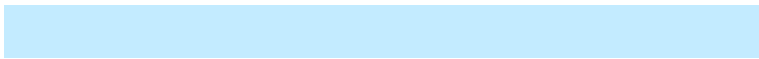
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 17.766, 63.977



91, 17.766, 113.977



91, 17.766, 243.977



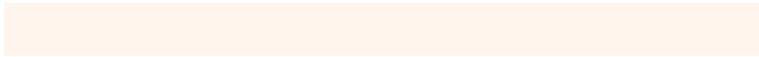
91, 17.766, 293.977

Sweetspot

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



91, 17.431, 65.051



97, 5.329, 66.633



86, 26.291, 341.200



51, 3.469, 66.574



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, 17.431, 65.051



89, 20.947, 64.606



98, 25.973, 104.294



51, 4.361, 66.381



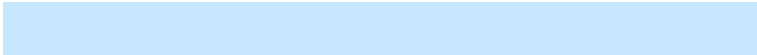
48, 70.995, 55.115



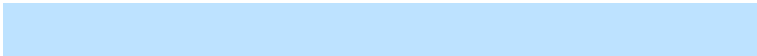
15, 27.247, 55.007

Inverse Universe

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



90, 16.005, 250.504



88, 18.889, 251.205



83, 27.093, 289.290



51, 4.218, 248.713



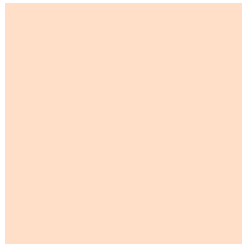
45, 50.568, 276.440



14, 20.950, 269.395

Previews

White Background



This preview shows how the CIELCh color 91, 17.766, 63.977 looks on a white background.

Color Contrast Check

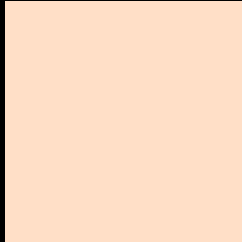
Large Text (above 18pt) WCAG AA × Fail

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, 17.766, 63.977 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, 17.766, 63.977

Background



This preview shows how black text looks on a background with the CIELCh color 91, 17.766, 63.977.



This preview shows how white text looks on a background with the CIELCh color 91, 17.766, 63.977.

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, 17.470, 64.866

Protanopia

91, 14.036, 91.967

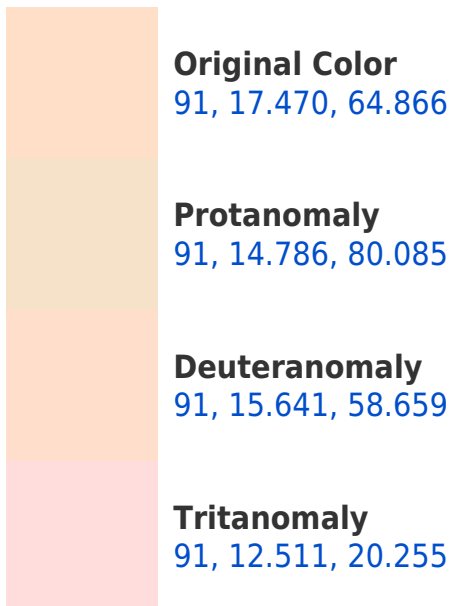
Deuteranopia

91, 14.655, 54.197



Tritanopia
91, 14.550, 350.672

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 17.766, 63.977 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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(255, 223, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 17.766, 63.977 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, 199) }
```

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

```
.border{ border-color:rgb(255, 223, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 17.766, 63.977 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
223, 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](#).

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