

Converting Colors

CIELCh(91, 18.150, 65.057)

Have a look what the booklet for
CIELCh(91, 18.150, 65.057) contains.

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Color

CIELCh(91, 17.859, 65.945)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFC6
RGB	255, 223, 198
RGB Percent	100%, 87%, 78%
CMY	0.0000, 0.1236, 0.2217
CMYK	0.00, 0.12, 0.22, 0.00
HSL	27°, 100%, 89%
HSV	27°, 22%, 100%
XYZ	78.1843, 78.4833, 64.7370
YIQ	229.7180, 27.0970, -0.9910

Conversions

Conversions Part 2

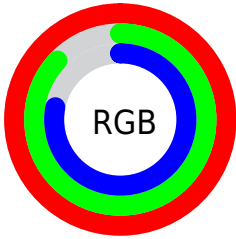
Format	Color
RYB	255, 243, 198
Decimal	16768966
CIELab	91.00, 7.28, 16.31
CIELCh	91, 17.859, 65.945
Yxy	78.4833, 0.3531, 0.3545
Android (android.graphics.Color)	4294959046 (0xFFFFDFC6)
YUV	229.7180, -15.6370, 22.1723
Hunter-Lab	88.5908, 2.4982, 18.6879

Details

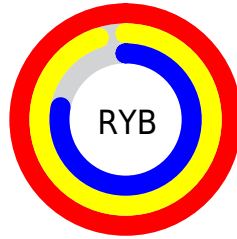
The CIELCh color **91, 17.859, 65.945** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 16.334, 252.051**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 18.013, 66.086** is the 20% darker color. If you saturate the color by 10%, you get **87, 26.484, 65.278**, and if you desaturate by 10%, it is **95, 9.455, 67.513**.

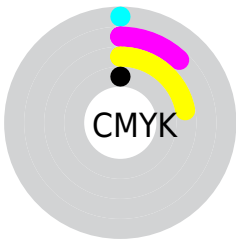
Distribution



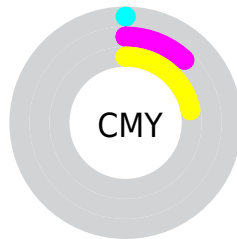
- Red (100%)
- Green (87%)
- Blue (78%)



- 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, 17.859, 65.945 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, 17.859, 65.945 by changing the saturation by 10% instead.

 91, 17.859, 65.945

 91, 17.859, 65.945

 100, 17.859,
65.945

 81, 17.859, 65.945

 71, 17.859, 65.945

 61, 17.859, 65.945

 51, 17.859, 65.945

 41, 17.859, 65.945

 31, 17.859, 65.945

 21, 17.859, 65.945

 11, 17.859, 65.945

 1, 17.859, 65.945

91, 17.859, 65.945

91, 17.859, 65.945

87, 26.484, 65.278

95, 9.455, 67.513

83, 35.746, 64.169

99, 1.634, 68.399

79, 45.489, 63.073

100, 0.012,
296.813

76, 55.604, 61.971

72, 65.805, 60.796

69, 75.473, 59.380

66, 83.468, 57.389

64, 88.023, 55.304

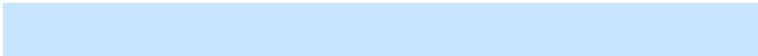
Harmonies

Complementary

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



91, 17.859, 65.945



90, 16.334, 252.051

Rectangle

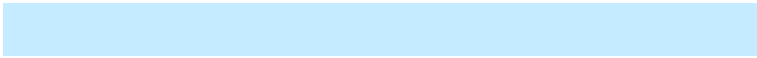
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 17.859, 65.945



91, 17.859, 115.945



91, 17.859, 245.945



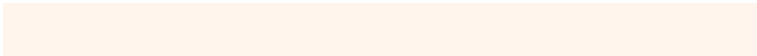
91, 17.859, 295.945

Sweetspot

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



91, 17.726, 66.399



97, 5.358, 68.062



86, 26.319, 342.067



52, 3.488, 68.001



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, 17.726, 66.399



89, 21.894, 65.857



98, 26.719, 105.067



51, 4.384, 67.802



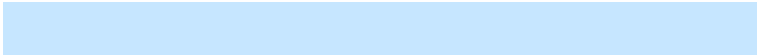
49, 70.547, 56.008



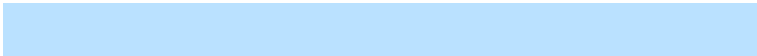
15, 27.178, 56.183

Inverse Universe

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



90, 16.334, 252.051



88, 19.771, 252.902



83, 27.945, 290.063



51, 4.248, 250.181



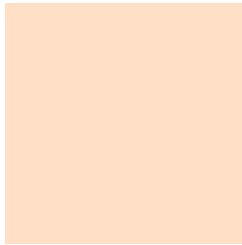
45, 51.865, 277.946



13, 21.408, 270.975

Previews

White Background



This preview shows how the CIE LCh color 91, 17.859, 65.945 looks on a white background.

Color Contrast Check

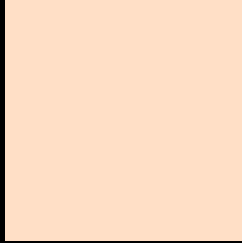
Large Text (above 18pt) WCAG AA × Fail

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, 17.859, 65.945 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, 17.859, 65.945

Background



This preview shows how black text looks on a background with the CIELCh color 91, 17.859, 65.945.

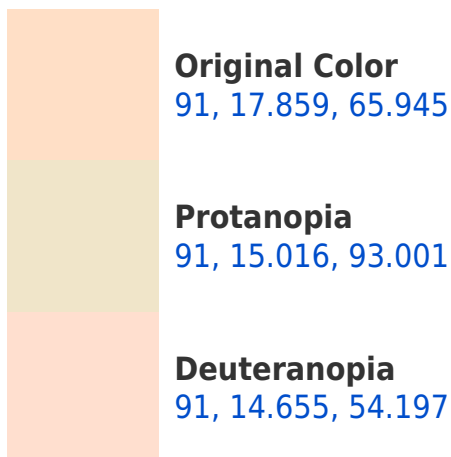



This preview shows how white text looks on a background with the CIELCh color 91, 17.859, 65.945.

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](#).

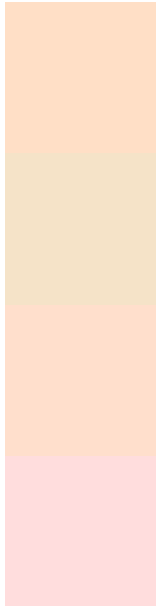
Dichromacy





Tritanopia
91, 14.550, 350.672

Trichromacy



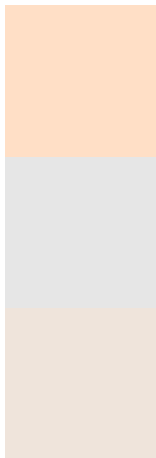
Original Color
91, 17.859, 65.945

Protanomaly
91, 15.522, 83.023

Deuteranomaly
91, 15.641, 58.659

Tritanomaly
91, 12.511, 20.255

Monochromacy



Original Color
91, 17.859, 65.945

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.123, 68.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 17.859, 65.945 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 17.859, 65.945 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, 198) }
```

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

```
.border{ border-color:rgb(255, 223, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 17.859, 65.945 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
223, 198) }
```

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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