

Converting Colors

CIELCh(100, 49.345, 35.445)

Have a look what the booklet for
CIELCh(100, 49.345, 35.445)
contains.

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Color

CIELCh(91, 16.794, 64.652)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0C9
RGB	255, 224, 201
RGB Percent	100%, 88%, 79%
CMY	0.0016, 0.1231, 0.2133
CMYK	0.00, 0.12, 0.21, 0.00
HSL	26°, 99%, 89%
HSV	26°, 21%, 100%
XYZ	78.1393, 78.4833, 66.0517
YIQ	230.6470, 25.8590, -0.5810

Conversions

Conversions Part 2

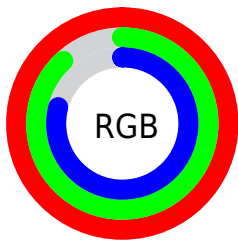
Format	Color
R_{YB}	255, 241, 201
Decimal	16769225
CIE _{Lab}	91.00, 7.19, 15.18
CIE _{LCh}	91, 16.794, 64.652
Yxy	78.4833, 0.3509, 0.3525
Android (android.graphics.Color)	4294959305 (0xFFFFE0C9)
YUV	230.6470, -14.6160, 21.3576
Hunter-Lab	88.5908, 2.4076, 17.8080

Details

The CIELCh color **91, 16.794, 64.652** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 15.444, 249.882**, 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, 16.873, 64.808** is the 20% darker color. If you saturate the color by 10%, you get **87, 25.482, 63.594**, and if you desaturate by 10%, it is **95, 8.611, 65.727**.

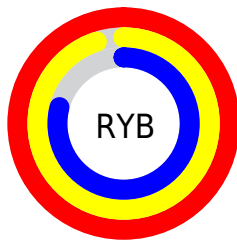
Distribution



Red (100%)

Green (88%)

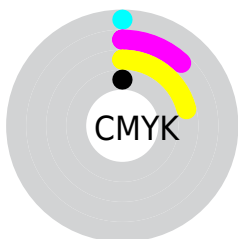
Blue (79%)



Red (100%)

Yellow (95%)

Blue (79%)

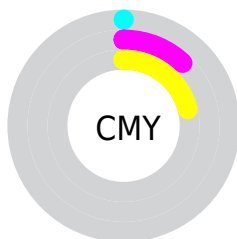


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 16.794, 64.652 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, 16.794, 64.652 by changing the saturation by 10% instead.

 91, 16.794, 64.652

 91, 16.794, 64.652

 100, 16.794,
64.652

 81, 16.794, 64.652

 71, 16.794, 64.652

 61, 16.794, 64.652

 51, 16.794, 64.652

 41, 16.794, 64.652

 31, 16.794, 64.652

 21, 16.794, 64.652

 11, 16.794, 64.652

 1, 16.794, 64.652

91, 16.794, 64.652

91, 16.794, 64.652

87, 25.482, 63.594

95, 8.611, 65.727

83, 34.700, 62.544

99, 0.891, 66.311

79, 44.432, 61.519

100, 0.140,
204.146

75, 54.588, 60.503

72, 64.916, 59.435

69, 74.844, 58.161

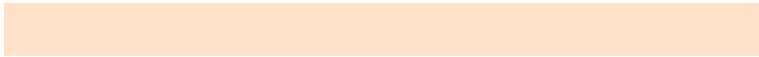
66, 83.281, 56.354

63, 88.691, 54.130

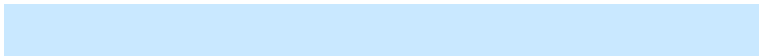
Harmonies

Complementary

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



91, 16.794, 64.652



90, 15.444, 249.882

Rectangle

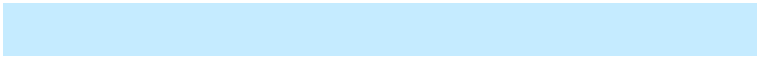
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 16.794, 64.652



91, 16.794, 114.652



91, 16.794, 244.652



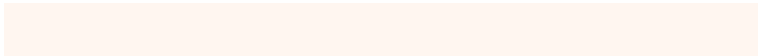
91, 16.794, 294.652

Sweetspot

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



91, 16.794, 64.663



97, 4.546, 66.245



86, 25.406, 341.136



52, 3.021, 66.185



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, 16.794, 64.663



90, 20.058, 64.255



98, 25.112, 104.369



51, 4.354, 65.903



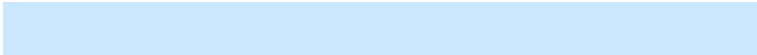
48, 71.148, 54.823



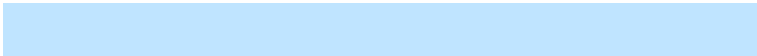
15, 27.273, 54.618

Inverse Universe

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



90, 15.444, 249.882



89, 18.136, 250.518



84, 26.156, 289.188



51, 4.208, 248.217



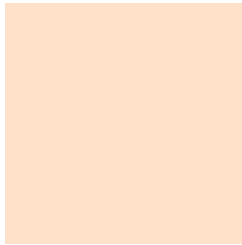
45, 50.142, 275.922



14, 20.801, 268.854

Previews

White Background



This preview shows how the CIELCh color 91, 16.794, 64.652 looks on a white background.

Color Contrast Check

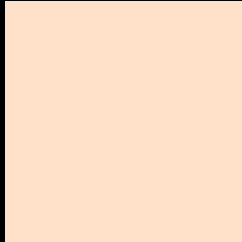
Large Text (above 18pt) WCAG AA × Fail

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, 16.794, 64.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

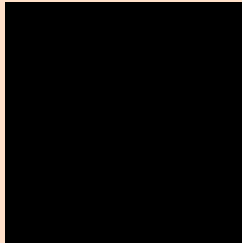
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 16.794, 64.652

Background



This preview shows how black text looks on a background with the CIELCh color 91, 16.794, 64.652.

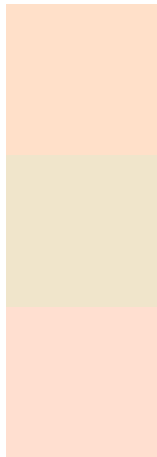


This preview shows how white text looks on a background with the CIELCh color 91, 16.794, 64.652.

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, 16.794, 64.652

Protanopia

91, 14.024, 91.975

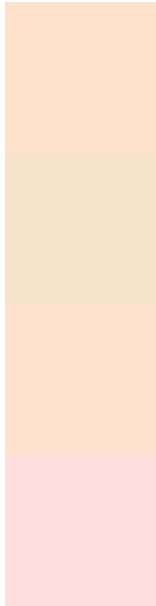
Deuteranopia

91, 14.349, 52.573



Tritanopia
91, 14.800, 348.919

Trichromacy



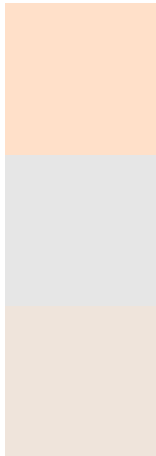
Original Color
91, 16.794, 64.652

Protanomaly
91, 14.590, 81.400

Deuteranomaly
91, 15.302, 57.238

Tritanomaly
91, 12.500, 17.902

Monochromacy



Original Color
91, 16.794, 64.652

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, 16.794, 64.652 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, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 201)  
}
```

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, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 16.794, 64.652 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, 224, 201) }
```

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

```
.border{ border-color:rgb(255, 224, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 16.794, 64.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 201) }
```

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

```
.background{ background-color: rgb(255,  
224, 201) }
```

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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