

Converting Colors

CIELCh(91, 16.560, 62.371)

Have a look what the booklet for
CIELCh(91, 16.560, 62.371) contains.

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Color

CIELCh(91, 16.348, 61.314)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFCA
RGB	255, 223, 202
RGB Percent	100%, 87%, 79%
CMY	0.0000, 0.1245, 0.2069
CMYK	0.00, 0.12, 0.21, 0.00
HSL	24°, 100%, 90%
HSV	24°, 21%, 100%
XYZ	78.4688, 78.4833, 67.0346
YIQ	230.1740, 25.8130, 0.2530

Conversions

Conversions Part 2

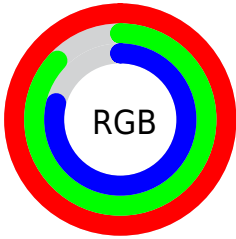
Format	Color
R _Y B	255, 237, 202
Decimal	16768970
CIE Lab	91.00, 7.85, 14.34
CIE LCh	91, 16.348, 61.314
Yxy	78.4833, 0.3503, 0.3504
Android (android.graphics.Color)	4294959050 (0xFFFFDFCA)
YUV	230.1740, -13.8898, 21.7724
Hunter-Lab	88.5908, 3.0715, 17.1502

Details

The CIELCh color **91, 16.348, 61.314** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 14.858, 246.308**, 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, 16.403, 61.344** is the 20% darker color. If you saturate the color by 10%, you get **87, 24.949, 60.575**, and if you desaturate by 10%, it is **95, 8.144, 62.517**.

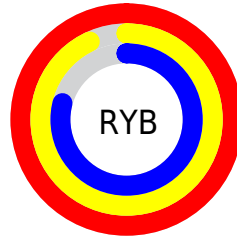
Distribution



Red (100%)

Green (87%)

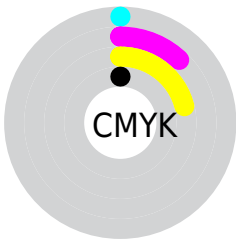
Blue (79%)



Red (100%)

Yellow (93%)

Blue (79%)

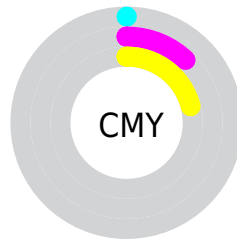


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 16.348, 61.314 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, 16.348, 61.314 by changing the saturation by 10% instead.

 91, 16.348, 61.314

 91, 16.348, 61.314

 100, 16.348,
61.314

 81, 16.348, 61.314

 71, 16.348, 61.314

 61, 16.348, 61.314

 51, 16.348, 61.314

 41, 16.348, 61.314

 31, 16.348, 61.314

 21, 16.348, 61.314

 11, 16.348, 61.314

 1, 16.348, 61.314

91, 16.348, 61.314

91, 16.348, 61.314

87, 24.949, 60.575

95, 8.144, 62.517

83, 34.191, 59.641

100, 0.505, 62.544

79, 44.000, 58.750

100, 0.012,
296.813

75, 54.297, 57.890

71, 64.854, 57.007

68, 75.133, 55.951

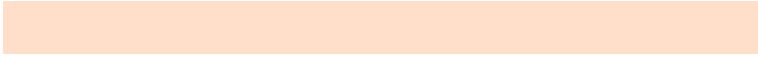
65, 84.057, 54.394

62, 90.177, 52.243

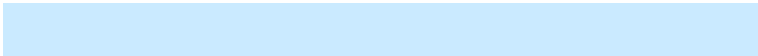
Harmonies

Complementary

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



91, 16.348, 61.314



91, 14.858, 246.308

Rectangle

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



91, 16.348, 61.314



91, 16.348, 111.314



91, 16.348, 241.314



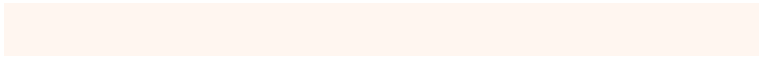
91, 16.348, 291.314

Sweetspot

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



91, 16.277, 61.543



97, 4.501, 62.941



87, 25.386, 339.471



52, 2.992, 62.887



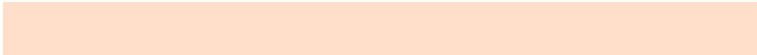
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 16.277, 61.543



89, 19.944, 61.123



97, 23.744, 102.741



51, 4.314, 62.629



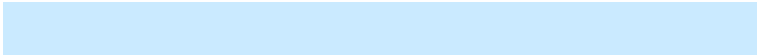
47, 72.218, 52.920



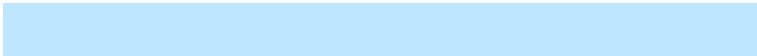
14, 27.478, 52.033

Inverse Universe

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



91, 14.858, 246.308



89, 17.819, 246.992



85, 24.602, 287.562



51, 4.152, 244.811



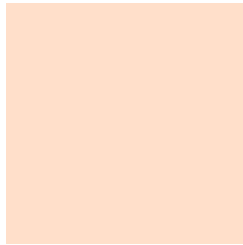
47, 47.371, 272.222



14, 19.838, 265.025

Previews

White Background



This preview shows how the CIE LCh color 91, 16.348, 61.314 looks on a white background.

Color Contrast Check

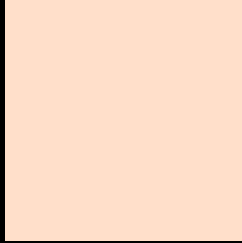
Large Text (above 18pt) WCAG AA × Fail

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, 16.348, 61.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

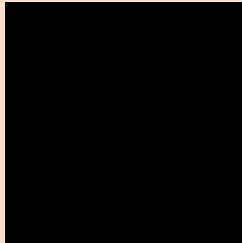
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 16.348, 61.314

Background



This preview shows how black text looks on a background with the CIELCh color 91, 16.348, 61.314.

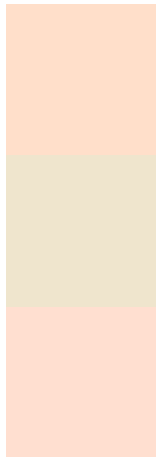


This preview shows how white text looks on a background with the CIELCh color 91, 16.348, 61.314.

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, 16.348, 61.314

Protanopia

91, 12.924, 92.363

Deuteranopia

91, 14.349, 52.573



Tritanopia
91, 14.800, 348.919

Trichromacy



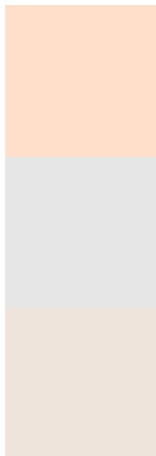
Original Color
91, 16.348, 61.314

Protanomaly
91, 13.672, 79.545

Deuteranomaly
91, 14.973, 55.751

Tritanomaly
91, 12.511, 15.548

Monochromacy



Original Color
91, 16.348, 61.314

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, 16.348, 61.314 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 16.348, 61.314 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, 202) }
```

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

```
.border{ border-color:rgb(255, 223, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 16.348, 61.314 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
223, 202) }
```

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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