

Converting Colors

CIELCh(97, 38.635, 36.626)

Have a look what the booklet for
CIELCh(97, 38.635, 36.626) contains.

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Color

CIELCh(91, 15.990, 60.017)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFCB
RGB	255, 223, 203
RGB Percent	100%, 87%, 80%
CMY	0.0000, 0.1248, 0.2032
CMYK	0.00, 0.12, 0.20, 0.00
HSL	23°, 100%, 90%
HSV	23°, 20%, 100%
XYZ	78.5410, 78.4833, 67.6171
YIQ	230.2880, 25.4920, 0.5640

Conversions

Conversions Part 2

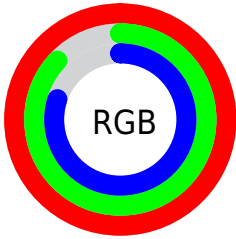
Format	Color
R _Y B	255, 236, 203
Decimal	16768971
CIE Lab	91.00, 7.99, 13.85
CIE LCh	91, 15.990, 60.017
Yxy	78.4833, 0.3496, 0.3494
Android (android.graphics.Color)	4294959051 (0xFFFFDFCB)
YUV	230.2880, -13.4530, 21.6724
Hunter-Lab	88.5908, 3.2168, 16.7604

Details

The CIELCh color **91, 15.990, 60.017** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 14.515, 244.708**, 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, 16.022, 60.005** is the 20% darker color. If you saturate the color by 10%, you get **87, 24.594, 59.268**, and if you desaturate by 10%, it is **95, 7.832, 61.118**.

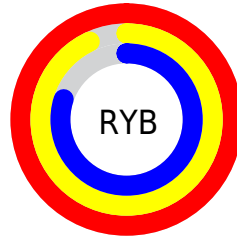
Distribution



Red (100%)

Green (87%)

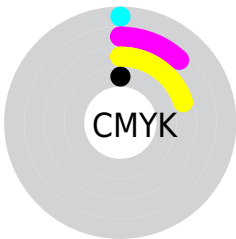
Blue (80%)



Red (100%)

Yellow (93%)

Blue (80%)

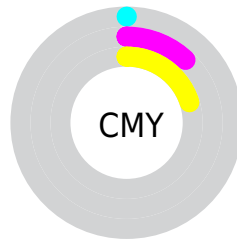


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 15.990, 60.017 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, 15.990, 60.017 by changing the saturation by 10% instead.

 91, 15.990, 60.017

 91, 15.990, 60.017

 100, 15.990,
60.017

 81, 15.990, 60.017

 71, 15.990, 60.017

 61, 15.990, 60.017

 51, 15.990, 60.017

 41, 15.990, 60.017

 31, 15.990, 60.017

 21, 15.990, 60.017

 11, 15.990, 60.017

 1, 15.990, 60.017

91, 15.990, 60.017

91, 15.990, 60.017

87, 24.594, 59.268

95, 7.832, 61.118

82, 33.838, 58.388

100, 0.232, 59.819

78, 43.669, 57.559

100, 0.012,
296.813

75, 54.016, 56.773

71, 64.663, 55.977

67, 75.093, 55.028

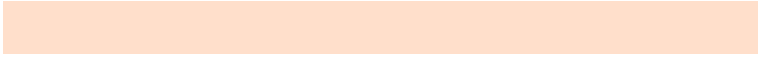
64, 84.245, 53.599

62, 90.791, 51.471

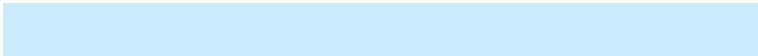
Harmonies

Complementary

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



91, 15.990, 60.017



91, 14.515, 244.708

Rectangle

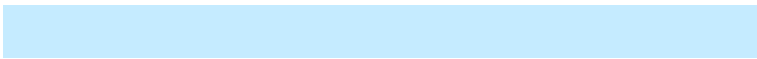
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 15.990, 60.017



91, 15.990, 110.017



91, 15.990, 240.017



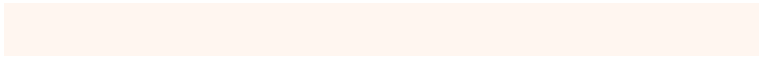
91, 15.990, 290.017

Sweetspot

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



91, 15.936, 60.188



97, 4.487, 61.490



87, 24.929, 339.439



52, 2.983, 61.438



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, 15.936, 60.188



89, 19.052, 59.846



97, 23.321, 102.782



51, 4.301, 61.192



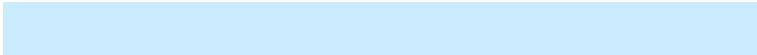
47, 72.698, 52.138



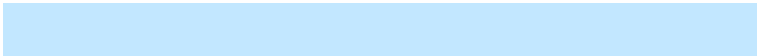
14, 27.583, 50.942

Inverse Universe

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



91, 14.515, 244.708



90, 17.026, 245.268



85, 24.148, 287.509



51, 4.132, 243.309



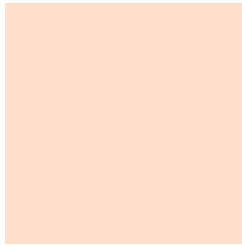
48, 46.233, 270.507



15, 19.449, 263.272

Previews

White Background



This preview shows how the CIE LCh color 91, 15.990, 60.017 looks on a white background.

Color Contrast Check

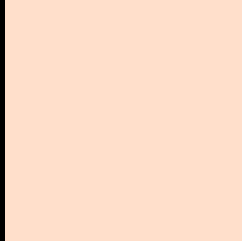
Large Text (above 18pt) WCAG AA × Fail

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, 15.990, 60.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

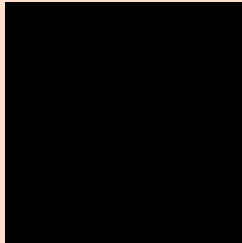
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 15.990, 60.017

Background



This preview shows how black text looks on a background with the CIELCh color 91, 15.990, 60.017.

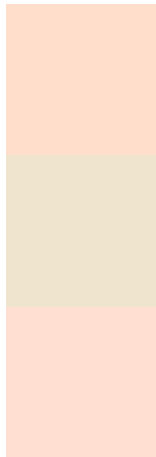


This preview shows how white text looks on a background with the CIELCh color 91, 15.990, 60.017.

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, 15.990, 60.017

Protanopia

91, 12.429, 91.743

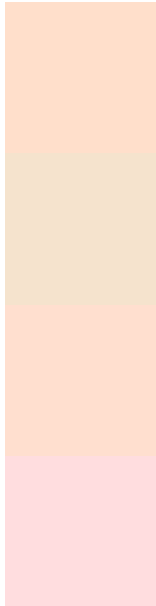
Deuteranopia

91, 14.056, 50.877



Tritanopia
91, 14.800, 348.919

Trichromacy



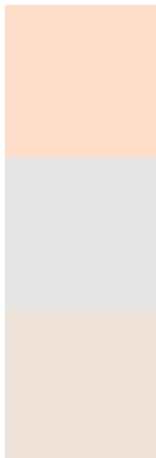
Original Color
91, 15.990, 60.017

Protanomaly
91, 13.219, 78.517

Deuteranomaly
91, 14.655, 54.197

Tritanomaly
91, 12.511, 15.548

Monochromacy



Original Color
91, 15.990, 60.017

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, 15.990, 60.017 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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(255, 223, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 15.990, 60.017 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, 203) }
```

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

```
.border{ border-color:rgb(255, 223, 203) }
```

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, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 15.990, 60.017 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, 203) }
```

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

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

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