

Converting Colors

CIELCh(91, 14.976, 58.933)

Have a look what the booklet for
CIELCh(91, 14.976, 58.933) contains.

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Color

CIELCh(91, 14.996, 58.118)

Conversions

Conversions Part 1

Format	Color
Hex	FEDFCD
RGB	254, 223, 205
RGB Percent	100%, 87%, 80%
CMY	0.0027, 0.1243, 0.1949
CMYK	0.00, 0.12, 0.19, 0.00
HSL	22°, 97%, 90%
HSV	22°, 19%, 100%
XYZ	78.5056, 78.4833, 68.9530
YIQ	230.2170, 24.2540, 0.9740

Conversions

Conversions Part 2

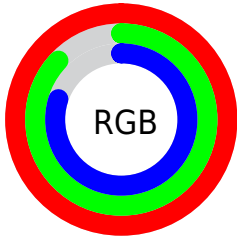
Format	Color
R _Y B	254, 233, 205
Decimal	16703437
CIE Lab	91.00, 7.92, 12.73
CIE LCh	91, 14.996, 58.118
Yxy	78.4833, 0.3475, 0.3474
Android (android.graphics.Color)	4294893517 (0xFFFEFCD)
YUV	230.2170, -12.4320, 20.8577
Hunter-Lab	88.5908, 3.1456, 15.8663

Details

The CIELCh color **91, 14.996, 58.118** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 13.655, 242.155**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 14.961, 58.054** is the 20% darker color. If you saturate the color by 10%, you get **87, 23.589, 57.285**, and if you desaturate by 10%, it is **96, 6.971, 58.985**.

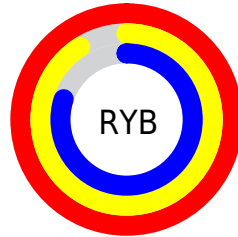
Distribution



Red (100%)

Green (87%)

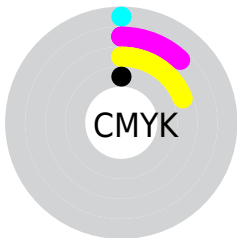
Blue (80%)



Red (100%)

Yellow (91%)

Blue (80%)

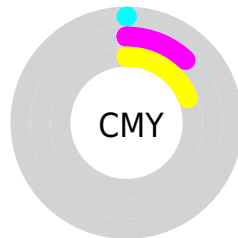


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 14.996, 58.118 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, 14.996, 58.118 by changing the saturation by 10% instead.

 91, 14.996, 58.118

 91, 14.996, 58.118

 100, 14.996,
58.118

 81, 14.996, 58.118

 71, 14.996, 58.118

 61, 14.996, 58.118

 51, 14.996, 58.118

 41, 14.996, 58.118

 31, 14.996, 58.118

 21, 14.996, 58.118

 11, 14.996, 58.118

 1, 14.996, 58.118

91, 14.996, 58.118

91, 14.996, 58.118

87, 23.589, 57.285

96, 6.971, 58.985

82, 32.790, 56.490

100, 0.241,
202.138

78, 42.607, 55.759

74, 52.983, 55.088

70, 63.730, 54.434

67, 74.380, 53.668

64, 83.939, 52.480

61, 91.072, 50.478

61, 91.556, 50.342

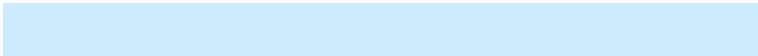
Harmonies

Complementary

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



91, 14.996, 58.118



92, 13.655, 242.155

Rectangle

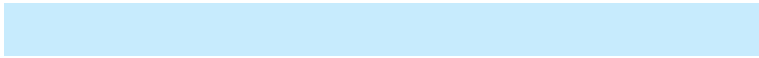
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 14.996, 58.118



91, 14.996, 108.118



91, 14.996, 238.118



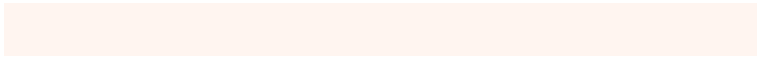
91, 14.996, 288.118

Sweetspot

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



91, 14.996, 58.130



97, 4.470, 59.240



87, 23.846, 338.570



52, 2.972, 59.193



0, 0.000, 0.000



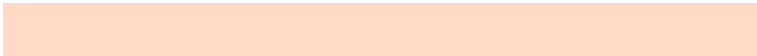
53, 0.007, 296.813

Same Dimension

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



91, 14.996, 58.130



90, 18.170, 57.810



97, 21.701, 102.014



51, 4.287, 58.966



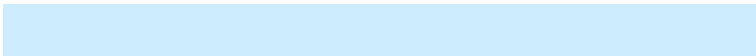
46, 73.450, 50.987



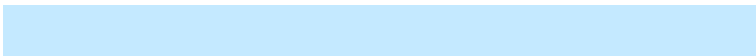
14, 27.762, 49.304

Inverse Universe

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



92, 13.655, 242.155



91, 16.211, 242.686



86, 22.381, 286.536



51, 4.108, 240.972



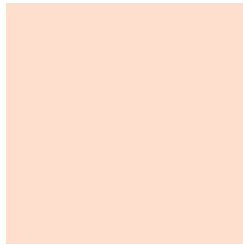
49, 44.564, 267.733



15, 18.886, 260.465

Previews

White Background



This preview shows how the CIE LCh color 91, 14.996, 58.118 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, 14.996, 58.118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

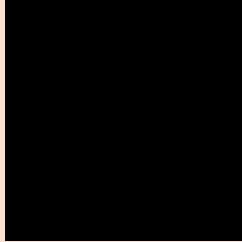
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

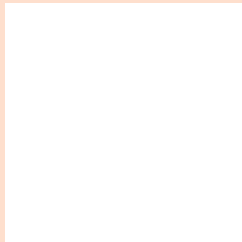
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 14.996, 58.118

Background



This preview shows how black text looks on a background with the CIELCh color 91, 14.996, 58.118.

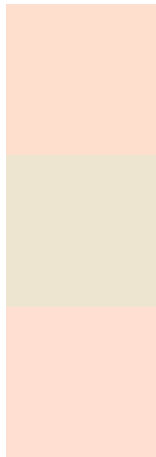


This preview shows how white text looks on a background with the CIELCh color 91, 14.996, 58.118.

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, 14.996, 58.118

Protanopia

91, 11.329, 92.123

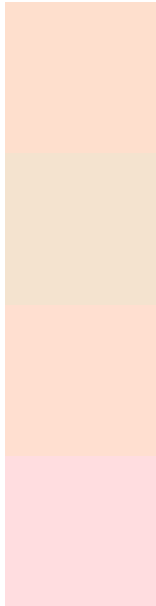
Deuteranopia

91, 13.776, 49.110



Tritanopia
91, 14.800, 348.919

Trichromacy



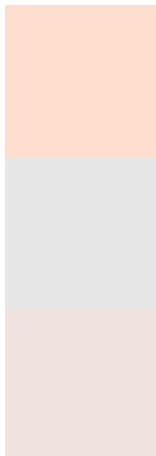
Original Color
91, 14.996, 58.118

Protanomaly
91, 12.125, 77.720

Deuteranomaly
91, 14.349, 52.573

Tritanomaly
91, 12.543, 13.203

Monochromacy



Original Color
91, 14.996, 58.118

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 5.038, 57.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 14.996, 58.118 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(254, 223, 205)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 205)  
}
```

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(254, 223, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 14.996, 58.118 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(254, 223, 205) }
```

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

```
.border{ border-color:rgb(254, 223, 205) }
```

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

Here you see how a box with a 4 pixel rgb(254, 223, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 14.996, 58.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 205) }
```

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

```
.background{ background-color: rgb(254,  
223, 205) }
```

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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