

Converting Colors

CIELCh(91, 11.917, 72.034)

Have a look what the booklet for
CIELCh(91, 11.917, 72.034) contains.

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Color

CIELCh(91, 11.700, 72.070)

Conversions

Conversions Part 1

Format	Color
Hex	F5E2D0
RGB	245, 226, 208
RGB Percent	96%, 89%, 82%
CMY	0.0386, 0.1131, 0.1837
CMYK	0.00, 0.08, 0.15, 0.04
HSL	29°, 65%, 89%
HSV	29°, 15%, 96%
XYZ	76.3575, 78.4833, 70.9005
YIQ	229.6290, 17.1020, -1.5700

Conversions

Conversions Part 2

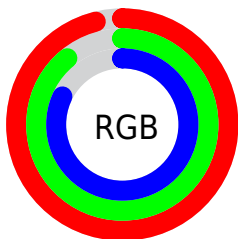
Format	Color
R _Y B	245, 243, 208
Decimal	16114384
CIE Lab	91.00, 3.60, 11.13
CIE LCh	91, 11.700, 72.070
Yxy	78.4833, 0.3383, 0.3477
Android (android.graphics.Color)	4294304464 (0xFFF5E2D0)
YUV	229.6290, -10.6631, 13.4804
Hunter-Lab	88.5908, -1.1827, 14.5630

Details

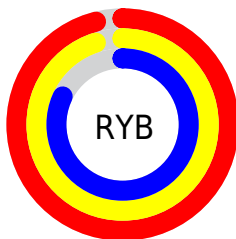
The CIELCh color **91, 11.700, 72.070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 11.219, 256.051**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 11.706, 71.608** is the 20% darker color. If you saturate the color by 10%, you get **87, 19.946, 70.863**, and if you desaturate by 10%, it is **95, 3.850, 73.228**.

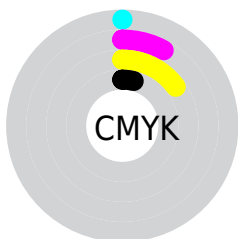
Distribution



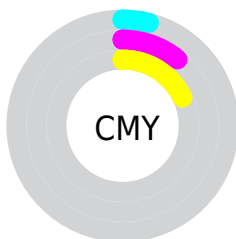
- Red (96%)
- Green (89%)
- Blue (82%)



- Red (96%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 11.700, 72.070 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, 11.700, 72.070 by changing the saturation by 10% instead.

 91, 11.700, 72.070

 91, 11.700, 72.070

 100, 11.700,
72.070

 81, 11.700, 72.070

 71, 11.700, 72.070

 61, 11.700, 72.070

 51, 11.700, 72.070

 41, 11.700, 72.070

 31, 11.700, 72.070

 21, 11.700, 72.070

 11, 11.700, 72.070

 1, 11.700, 72.070

91, 11.700, 72.070

91, 11.700, 72.070

87, 19.946, 70.863

95, 3.850, 73.228

84, 28.607, 69.626

98, 2.817, 241.078

80, 37.680, 68.381

99, 3.401, 199.384

77, 47.110, 67.122

74, 56.732, 65.818

71, 66.174, 64.381

68, 74.697, 62.617

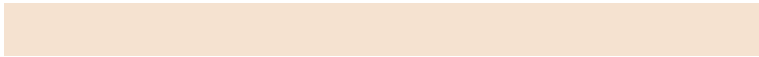
65, 81.130, 60.177

64, 83.546, 58.779

Harmonies

Complementary

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



91, 11.700, 72.070



89, 11.219, 256.051

Rectangle

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



91, 11.700, 72.070



91, 11.700, 122.070



91, 11.700, 252.070



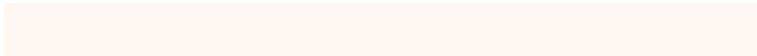
91, 11.700, 302.070

Sweetspot

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



91, 11.701, 72.084



98, 3.900, 73.236



87, 16.699, 344.024



52, 2.666, 73.165



0, 0.000, 0.000



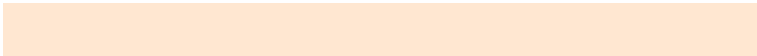
53, 0.007, 296.813

Same Dimension

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



91, 11.701, 72.084



93, 14.512, 71.727



96, 18.541, 108.020



49, 4.339, 72.748



49, 67.680, 59.481



14, 24.641, 60.069

Inverse Universe

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



89, 11.219, 256.051



91, 13.785, 256.513



85, 19.175, 291.178



49, 4.235, 255.245



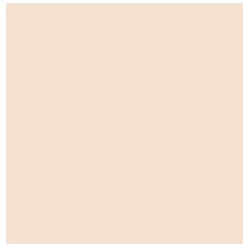
41, 55.524, 282.748



11, 21.647, 275.343

Previews

White Background



This preview shows how the CIELCh color 91, 11.700, 72.070 looks on a white background.

Color Contrast Check

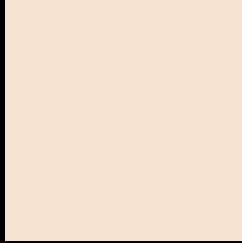
Large Text (above 18pt) WCAG AA × Fail

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, 11.700, 72.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

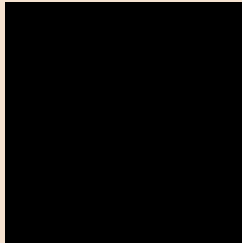
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 11.700, 72.070

Background



This preview shows how black text looks on a background with the CIELCh color 91, 11.700, 72.070.

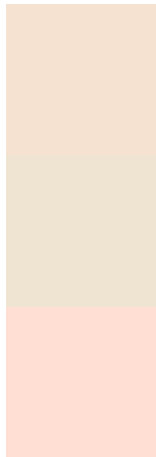


This preview shows how white text looks on a background with the CIELCh color 91, 11.700, 72.070.

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, 11.700, 72.070

Protanopia

91, 10.477, 88.633

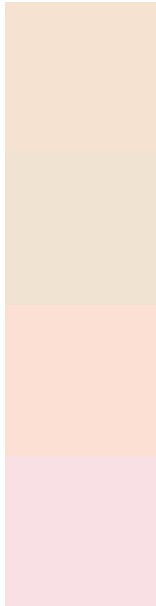
Deuteranopia

91, 13.390, 42.738



Tritanopia
91, 13.076, 338.052

Trichromacy



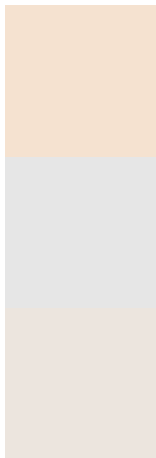
Original Color
91, 11.700, 72.070

Protanomaly
91, 10.647, 80.141

Deuteranomaly
91, 12.127, 53.424

Tritanomaly
91, 8.943, 6.653

Monochromacy



Original Color
91, 11.700, 72.070

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.395, 74.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 11.700, 72.070 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(245, 226, 208)` looks like.

```
.text, #text, p{  
    color:rgb(245, 226, 208)  
}
```

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(245, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 226, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 11.700, 72.070 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(245, 226, 208) }
```

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

```
.border{ border-color:rgb(245, 226, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(245, 226,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 11.700, 72.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 226, 208) }
```

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

```
.background{ background-color: rgb(245,  
226, 208) }
```

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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