

Converting Colors

CIELCh(90, 11.732, 72.048)

Have a look what the booklet for
CIELCh(90, 11.732, 72.048) contains.

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Color

CIELCh(90, 11.732, 72.048)

Conversions

Conversions Part 1

Format	Color
Hex	F2DFCD
RGB	242, 223, 205
RGB Percent	95%, 87%, 80%
CMY	0.0497, 0.1242, 0.1948
CMYK	0.00, 0.08, 0.15, 0.05
HSL	29°, 59%, 88%
HSV	29°, 15%, 95%
XYZ	74.2597, 76.3034, 68.7710
YIQ	226.6290, 17.1020, -1.5700

Conversions

Conversions Part 2

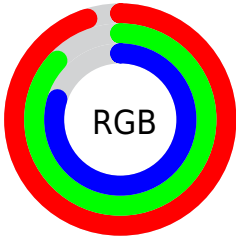
Format	Color
R _Y B	242, 240, 205
Decimal	15917005
CIE Lab	90.00, 3.62, 11.16
CIE LCh	90, 11.732, 72.048
Yxy	76.3034, 0.3386, 0.3479
Android (android.graphics.Color)	4294107085 (0xFFFF2DFCD)
YUV	226.6290, -10.6631, 13.4804
Hunter-Lab	87.3518, -1.1189, 14.4680

Details

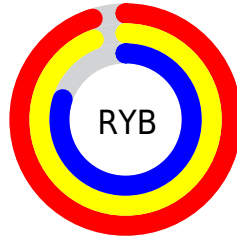
The CIELCh color **90, 11.732, 72.048** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 11.244, 256.075**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 11.749, 71.575** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.907, 70.841**, and if you desaturate by 10%, it is **94, 3.949, 73.209**.

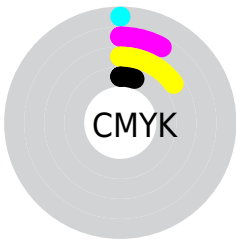
Distribution



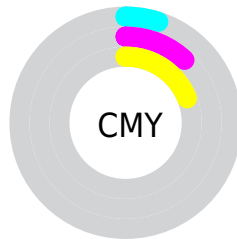
- Red (95%)
- Green (87%)
- Blue (80%)



- Red (95%)
- Yellow (94%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 11.732, 72.048 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 90, 11.732, 72.048 by changing the saturation by 10% instead.

 90, 11.732, 72.048

 90, 11.732, 72.048

 100, 11.732,
72.048

 80, 11.732, 72.048

 70, 11.732, 72.048

 60, 11.732, 72.048

 50, 11.732, 72.048

 40, 11.732, 72.048

 30, 11.732, 72.048

 20, 11.732, 72.048

 10, 11.732, 72.048

 0, 11.732, 72.048

90, 11.732, 72.048

90, 11.732, 72.048

86, 19.907, 70.841

94, 3.949, 73.209

83, 28.493, 69.604

97, 3.476, 254.643

79, 37.487, 68.360

99, 4.372, 199.280

76, 46.833, 67.102

73, 56.365, 65.798

70, 65.712, 64.359

67, 74.137, 62.590

64, 80.477, 60.141

63, 82.802, 58.804

Harmonies

Complementary

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



90, 11.732, 72.048



88, 11.244, 256.075

Rectangle

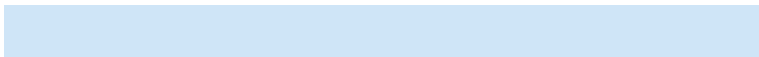
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 11.732, 72.048



90, 11.732, 122.048



90, 11.732, 252.048



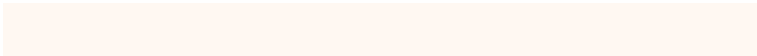
90, 11.732, 302.048

Sweetspot

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



90, 11.733, 72.062



98, 3.900, 73.234



86, 16.741, 344.039



52, 2.666, 73.164



0, 0.000, 0.000



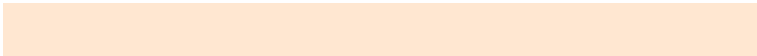
53, 0.007, 296.813

Same Dimension

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



90, 11.733, 72.062



93, 14.511, 71.726



95, 18.584, 108.004



49, 4.339, 72.746



49, 67.681, 59.480



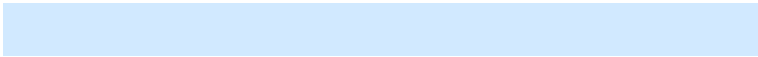
14, 24.641, 60.067

Inverse Universe

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



88, 11.244, 256.075



91, 13.785, 256.511



84, 19.226, 291.199



49, 4.235, 255.244



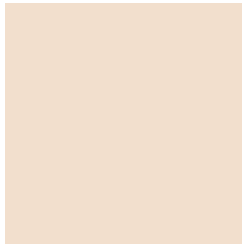
41, 55.522, 282.747



11, 21.647, 275.341

Previews

White Background



This preview shows how the CIE LCh color 90, 11.732, 72.048 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 90, 11.732, 72.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

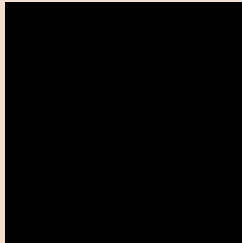
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 11.732, 72.048

Background



This preview shows how black text looks on a background with the CIELCh color 90, 11.732, 72.048.

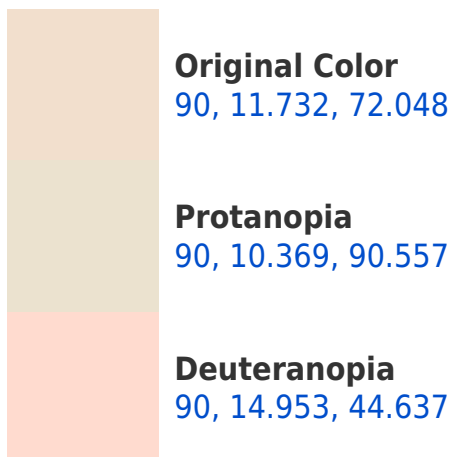


This preview shows how white text looks on a background with the CIELCh color 90, 11.732, 72.048.

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](#).

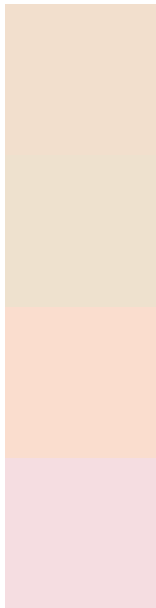
Dichromacy





Tritanopia
90, 13.107, 338.062

Trichromacy



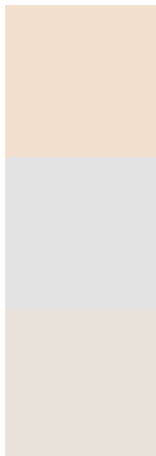
Original Color
90, 11.732, 72.048

Protanomaly
90, 10.953, 83.092

Deuteranomaly
90, 13.418, 55.172

Tritanomaly
90, 8.966, 6.665

Monochromacy



Original Color
90, 11.732, 72.048

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 4.407, 74.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 11.732, 72.048 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(242, 223, 205)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 223, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 223, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 11.732, 72.048 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(242, 223, 205) }
```

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

```
.border{ border-color:rgb(242, 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(242, 223, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 223, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 223, 205);  
box-shadow:4px 4px 4px 4px rgb(242, 223,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 11.732, 72.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 223, 205) }
```

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

```
.background{ background-color: rgb(242,  
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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