

Converting Colors

CIE LCh(89, 12.266, 32.235)

Have a look what the booklet for
CIELCh(89, 12.266, 32.235) contains.

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Color

CIELCh(89, 12.458, 29.772)

Conversions

Conversions Part 1

Format	Color
Hex	F9D8D4
RGB	249, 216, 212
RGB Percent	98%, 85%, 83%
CMY	0.0227, 0.1521, 0.1678
CMYK	0.00, 0.13, 0.15, 0.02
HSL	6°, 76%, 90%
HSV	6°, 15%, 98%
XYZ	75.6652, 74.1641, 72.7538
YIQ	225.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

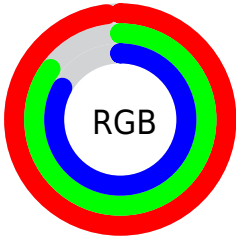
Format	Color
R _Y B	249, 216, 212
Decimal	16373972
CIE Lab	89.00, 10.81, 6.19
CIE LCh	89, 12.458, 29.772
Yxy	74.1641, 0.3399, 0.3332
Android (android.graphics.Color)	4294564052 (0xFFF9D8D4)
YUV	225.4110, -6.6116, 20.6876
Hunter-Lab	86.1186, 6.1254, 10.1943

Details

The CIELCh color **89, 12.458, 29.772** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 11.276, 209.329**, 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 **69, 12.473, 30.488** is the 20% darker color. If you saturate the color by 10%, you get **83, 21.738, 30.263**, and if you desaturate by 10%, it is **95, 3.902, 29.373**.

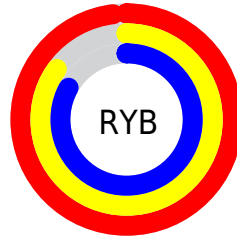
Distribution



Red (98%)

Green (85%)

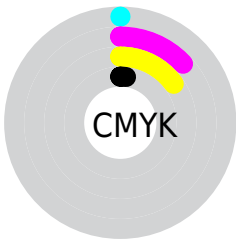
Blue (83%)



Red (98%)

Yellow (85%)

Blue (83%)

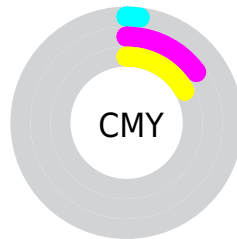


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 12.458, 29.772 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 89, 12.458, 29.772 by changing the saturation by 10% instead.

89, 12.458, 29.772

89, 12.458, 29.772

100, 12.458,
29.772

79, 12.458, 29.772

69, 12.458, 29.772

59, 12.458, 29.772

49, 12.458, 29.772

39, 12.458, 29.772

29, 12.458, 29.772

19, 12.458, 29.772

9, 12.458, 29.772

0, 12.458, 29.772

89, 12.458, 29.772

89, 12.458, 29.772

83, 21.738, 30.263

95, 3.902, 29.373

77, 31.775, 30.943

100, 2.005,
199.609

72, 42.548, 31.892

67, 53.968, 33.178

63, 65.835, 34.849

59, 77.771, 36.875

56, 89.006, 39.014

54, 97.856, 40.552

53, 101.068,
41.048

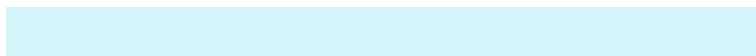
Harmonies

Complementary

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



89, 12.458, 29.772



94, 11.276, 209.329

Rectangle

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



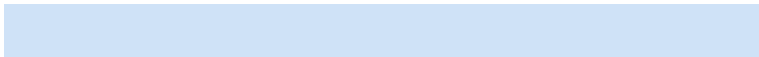
89, 12.458, 29.772



89, 12.458, 79.772



89, 12.458, 209.772



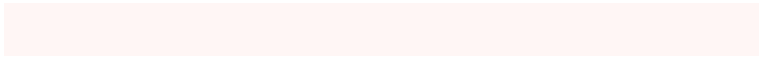
89, 12.458, 259.772

Sweetspot

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



89, 12.456, 29.784



98, 3.267, 29.318



89, 21.741, 328.125



52, 2.329, 29.368



0, 0.000, 0.000



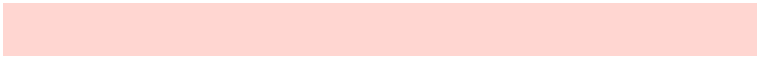
53, 0.007, 296.813

Same Dimension

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



89, 12.456, 29.784



89, 15.589, 29.919



93, 12.654, 83.481



49, 4.673, 29.577



40, 81.698, 41.293



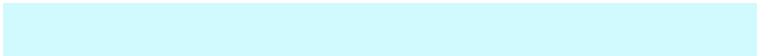
10, 30.120, 31.675

Inverse Universe

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



94, 11.276, 209.329



96, 13.789, 209.311



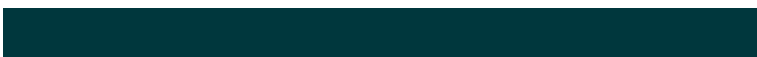
90, 12.461, 267.538



51, 4.392, 209.398



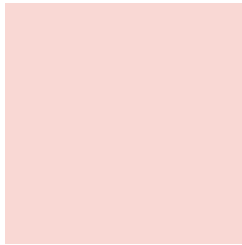
63, 35.380, 215.893



20, 16.170, 213.140

Previews

White Background



This preview shows how the CIELCh color 89, 12.458, 29.772 looks on a white background.

Color Contrast Check

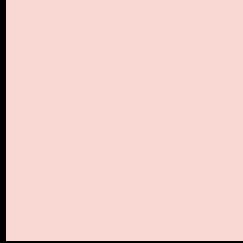
Large Text (above 18pt) WCAG AA × Fail

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 89, 12.458, 29.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

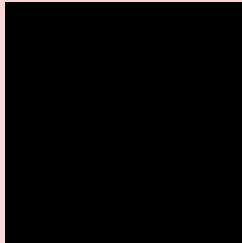
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

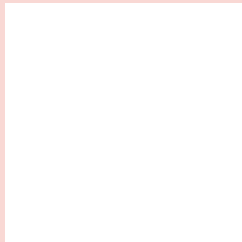
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 12.458, 29.772

Background



This preview shows how black text looks on a background with the CIELCh color 89, 12.458, 29.772.

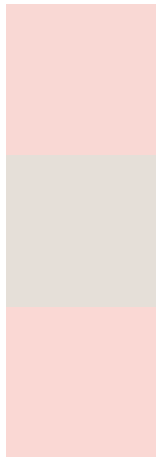


This preview shows how white text looks on a background with the CIELCh color 89, 12.458, 29.772.

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

89, 12.458, 29.772

Protanopia

89, 4.219, 78.670

Deuteranopia

89, 12.833, 29.516



Tritanopia
89, 16.641, 348.657

Trichromacy



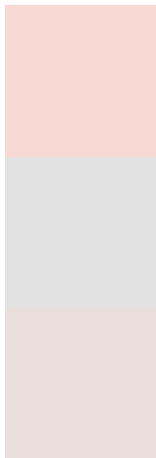
Original Color
89, 12.458, 29.772

Protanomaly
89, 6.309, 49.173

Deuteranomaly
89, 12.833, 29.516

Tritanomaly
89, 14.464, 359.491

Monochromacy



Original Color
89, 12.458, 29.772

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 4.377, 26.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 12.458, 29.772 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(249, 216, 212)` looks like.

```
.text, #text, p{  
    color:rgb(249, 216, 212)  
}
```

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(249, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 216, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 12.458, 29.772 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(249, 216, 212) }
```

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

```
.border{ border-color:rgb(249, 216, 212) }
```

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

Here you see how a box with a 4 pixel rgb(249, 216, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(249, 216,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 12.458, 29.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 216, 212) }
```

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

```
.background{ background-color: rgb(249,  
216, 212) }
```

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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