

Converting Colors

CIELCh(89, 12.922, 37.483)

Have a look what the booklet for
CIELCh(89, 12.922, 37.483) contains.

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Color

CIELCh(89, 12.879, 36.511)

Conversions

Conversions Part 1

Format	Color
Hex	F9D8D1
RGB	249, 216, 209
RGB Percent	98%, 85%, 82%
CMY	0.0219, 0.1513, 0.1788
CMYK	0.00, 0.13, 0.16, 0.02
HSL	11°, 78%, 90%
HSV	11°, 16%, 98%
XYZ	75.4390, 74.1641, 70.9260
YIQ	225.0690, 21.9150, 4.8190

Conversions

Conversions Part 2

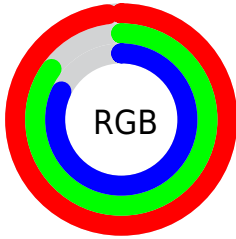
Format	Color
R _Y B	249, 217, 209
Decimal	16373969
CIE Lab	89.00, 10.35, 7.66
CIE LCh	89, 12.879, 36.511
Yxy	74.1641, 0.3421, 0.3363
Android (android.graphics.Color)	4294564049 (0xFFFF9D8D1)
YUV	225.0690, -7.9220, 20.9875
Hunter-Lab	86.1186, 5.6565, 11.4527

Details

The CIELCh color **89, 12.879, 36.511** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 11.577, 217.027**, 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, 12.774, 35.226** is the 20% darker color. If you saturate the color by 10%, you get **83, 21.808, 36.669**, and if you desaturate by 10%, it is **95, 4.652, 36.441**.

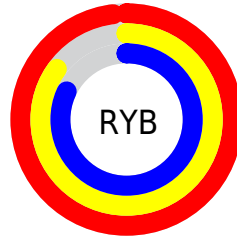
Distribution



Red (98%)

Green (85%)

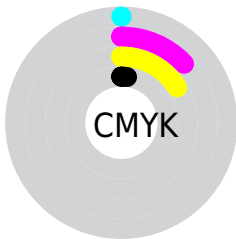
Blue (82%)



Red (98%)

Yellow (85%)

Blue (82%)

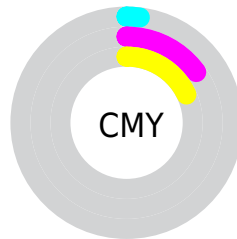


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 12.879, 36.511 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, 12.879, 36.511 by changing the saturation by 10% instead.

 89, 12.879, 36.511

 89, 12.879, 36.511

 100, 12.879,
36.511

 79, 12.879, 36.511

 69, 12.879, 36.511

 59, 12.879, 36.511

 49, 12.879, 36.511

 39, 12.879, 36.511

 29, 12.879, 36.511

 19, 12.879, 36.511

 9, 12.879, 36.511

 0, 12.879, 36.511

89, 12.879, 36.511

89, 12.879, 36.511

83, 21.808, 36.669

95, 4.652, 36.441

78, 31.483, 36.977

100, 1.934,
199.625

73, 41.910, 37.499

68, 53.033, 38.277

64, 64.688, 39.331

60, 76.509, 40.600

57, 87.675, 41.819

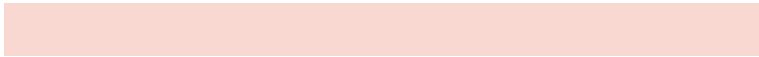
55, 96.435, 42.314

54, 99.122, 42.389

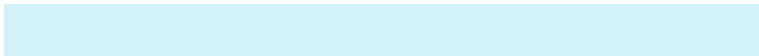
Harmonies

Complementary

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



89, 12.879, 36.511



94, 11.577, 217.027

Rectangle

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



89, 12.879, 36.511



89, 12.879, 86.511



89, 12.879, 216.511



89, 12.879, 266.511

Sweetspot

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



89, 12.878, 36.523



97, 3.902, 36.419



88, 22.449, 330.364



51, 2.670, 36.435



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, 12.878, 36.523



89, 15.723, 36.553



94, 14.552, 89.075



49, 4.446, 36.478



41, 79.962, 42.752



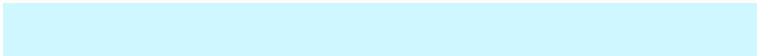
11, 29.095, 35.139

Inverse Universe

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



94, 11.577, 217.027



95, 13.833, 217.123



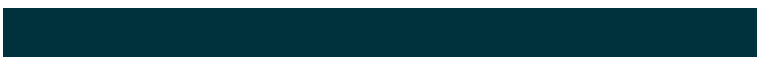
89, 14.508, 273.373



51, 4.184, 216.883



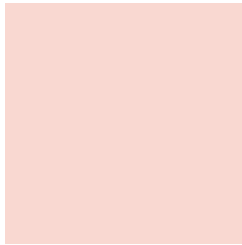
59, 34.754, 230.180



19, 15.718, 225.369

Previews

White Background



This preview shows how the CIE LCh color 89, 12.879, 36.511 looks on a white background.

Color Contrast Check

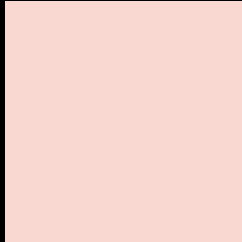
Large Text (above 18pt) WCAG AA × Fail

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 89, 12.879, 36.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

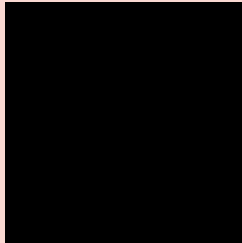
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

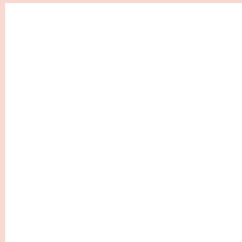
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 12.879, 36.511

Background



This preview shows how black text looks on a background with the CIELCh color 89, 12.879, 36.511.

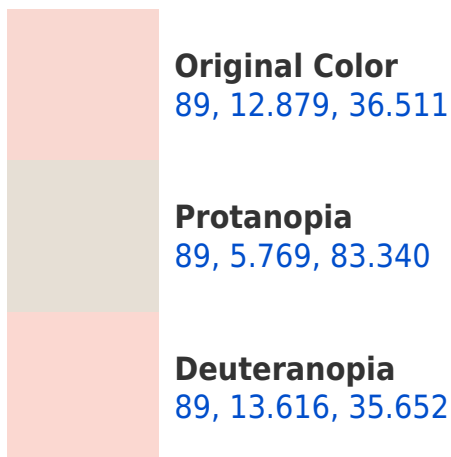


This preview shows how white text looks on a background with the CIELCh color 89, 12.879, 36.511.

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](#).

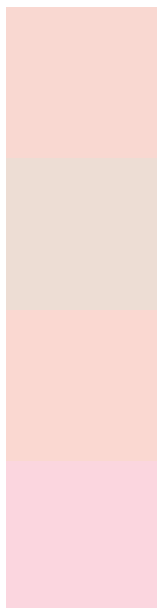
Dichromacy





Tritanopia
89, 16.641, 348.657

Trichromacy



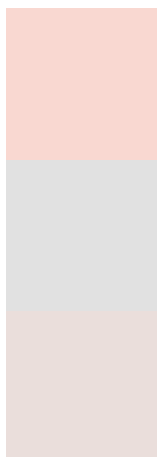
Original Color
89, 12.879, 36.511

Protanomaly
89, 7.515, 57.992

Deuteranomaly
89, 13.247, 36.069

Tritanomaly
89, 14.305, 1.447

Monochromacy



Original Color
89, 12.879, 36.511

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 4.623, 39.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 12.879, 36.511 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(249, 216, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 216, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 12.879, 36.511 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, 209) }
```

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

```
.border{ border-color:rgb(249, 216, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 216, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 216, 209);  
box-shadow:4px 4px 4px 4px rgb(249, 216,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 12.879, 36.511 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, 209) }
```

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

```
.background{ background-color: rgb(249,  
216, 209) }
```

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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