

Converting Colors

CIELCh(89, 11.881, 0.784)

Have a look what the booklet for
CIELCh(89, 11.881, 0.784) contains.

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Color

CIELCh(89, 12.034, 0.120)

Conversions

Conversions Part 1

Format	Color
Hex	F7D8E0
RGB	247, 216, 224
RGB Percent	97%, 85%, 88%
CMY	0.0319, 0.1535, 0.1221
CMYK	0.00, 0.13, 0.09, 0.03
HSL	345°, 66%, 91%
HSV	345°, 13%, 97%
XYZ	76.2645, 74.1641, 80.7184
YIQ	226.1810, 15.9080, 9.0600

Conversions

Conversions Part 2

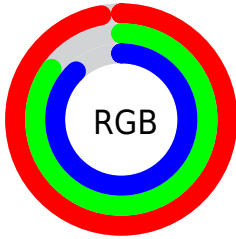
Format	Color
R_{YB}	247, 216, 224
Decimal	16242912
CIE Lab	89.00, 12.03, 0.03
CIE LCh	89, 12.034, 0.120
Yxy	74.1641, 0.3299, 0.3209
Android (android.graphics.Color)	4294432992 (0xFFFF7D8E0)
YUV	226.1810, -1.0752, 18.2583
Hunter-Lab	86.1186, 7.3677, 4.7109

Details

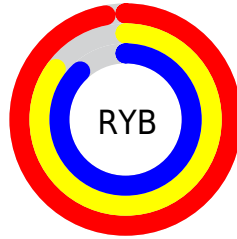
The CIELCh color **89, 12.034, 0.120** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 11.539, 177.816**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 11.981, 359.122** is the 20% darker color. If you saturate the color by 10%, you get **83, 22.081, 1.317**, and if you desaturate by 10%, it is **96, 2.395, 358.934**.

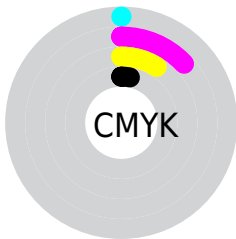
Distribution



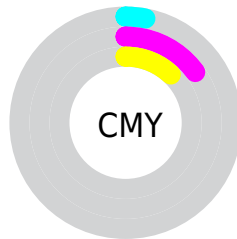
- Red (97%)
- Green (85%)
- Blue (88%)



- Red (97%)
- Yellow (85%)
- Blue (88%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (3%)

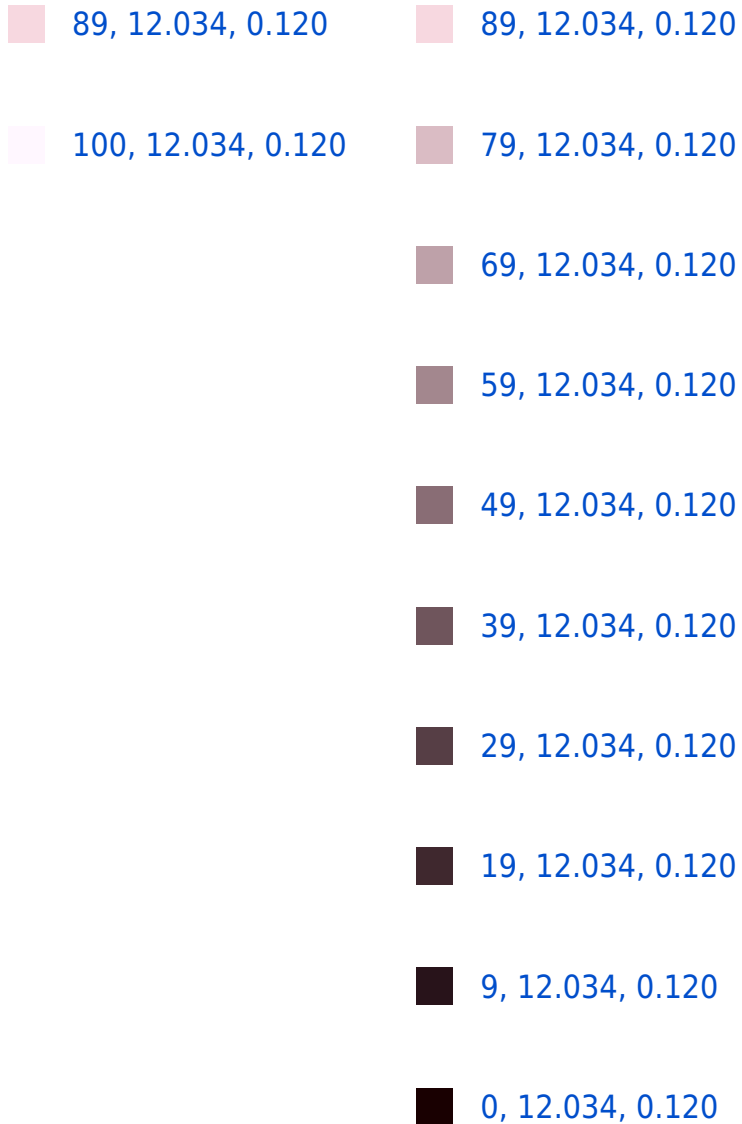


- Cyan (3%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 12.034, 0.120 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, 12.034, 0.120 by changing the saturation by 10% instead.



89, 12.034, 0.120

89, 12.034, 0.120

83, 22.081, 1.317

96, 2.395, 358.934

77, 32.438, 2.713

99, 2.818, 199.462

71, 42.906, 4.403

66, 53.178, 6.492

61, 62.837, 9.122

57, 71.432, 12.463

54, 78.627, 16.668

53, 84.412, 21.776

52, 88.168, 25.925

Harmonies

Complementary

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



89, 12.034, 0.120



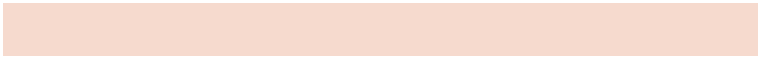
95, 11.539, 177.816

Rectangle

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



89, 12.034, 0.120



89, 12.034, 50.120



89, 12.034, 180.120



89, 12.034, 230.120

Sweetspot

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



89, 12.032, 0.127



97, 3.860, 359.158



89, 18.077, 317.305



51, 2.748, 359.254



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

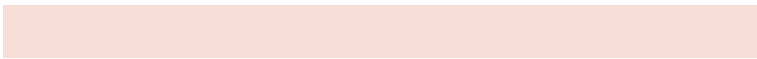
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 12.032, 0.127



90, 14.840, 0.406



91, 9.536, 42.922



48, 5.372, 359.788



39, 70.789, 24.833



9, 29.791, 13.735

Inverse Universe

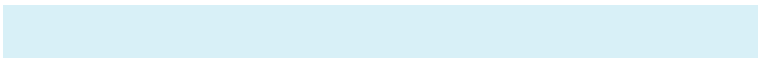
The Inverse Universe completely reimagines the original color for something new.



89, 12.032, 0.127



90, 14.840, 0.406



93, 8.823, 224.075



48, 5.372, 359.788



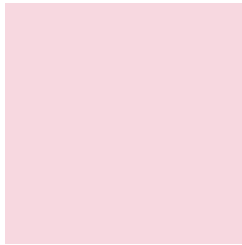
39, 70.789, 24.833



9, 29.791, 13.735

Previews

White Background



This preview shows how the CIELCh color 89, 12.034, 0.120 looks on a white background.

Color Contrast Check

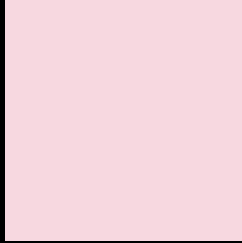
Large Text (above 18pt) WCAG AA × Fail

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, 12.034, 0.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

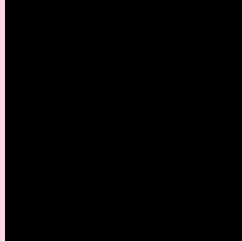
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 12.034, 0.120

Background



This preview shows how black text looks on a background with the CIELCh color 89, 12.034, 0.120.

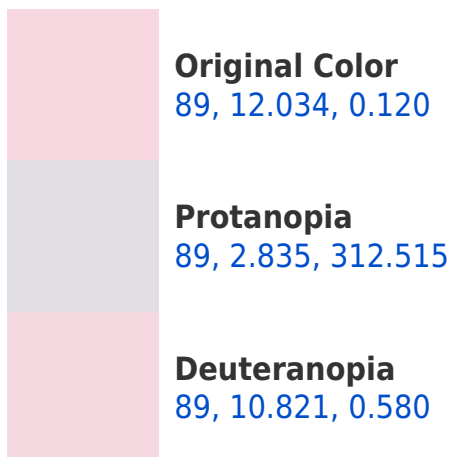


This preview shows how white text looks on a background with the CIELCh color 89, 12.034, 0.120.

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, 14.526, 345.603

Trichromacy



Original Color
89, 12.034, 0.120

Protanomaly
89, 5.950, 348.133

Deuteranomaly
89, 11.169, 1.250

Tritanomaly
89, 13.734, 351.005

Monochromacy



Original Color
89, 12.034, 0.120

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 4.610, 359.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 12.034, 0.120 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(247, 216, 224)` looks like.

```
.text, #text, p{  
    color:rgb(247, 216, 224)  
}
```

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(247, 216, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 216, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 12.034, 0.120 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(247, 216, 224) }
```

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

```
.border{ border-color:rgb(247, 216, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 216, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 216, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 216, 224);  
box-shadow:4px 4px 4px 4px rgb(247, 216,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 12.034, 0.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 216, 224) }
```

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

```
.background{ background-color: rgb(247,  
216, 224) }
```

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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