

Converting Colors

CIELCh(89, 11.269, 33.773)

Have a look what the booklet for
CIELCh(89, 11.269, 33.773) contains.

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Color

CIELCh(89, 11.451, 33.168)

Conversions

Conversions Part 1

Format	Color
Hex	F7D9D4
RGB	247, 217, 212
RGB Percent	97%, 85%, 83%
CMY	0.0313, 0.1489, 0.1686
CMYK	0.00, 0.12, 0.14, 0.03
HSL	9°, 69%, 90%
HSV	9°, 14%, 97%
XYZ	75.0651, 74.1641, 72.6555
YIQ	225.4000, 19.4850, 4.8050

Conversions

Conversions Part 2

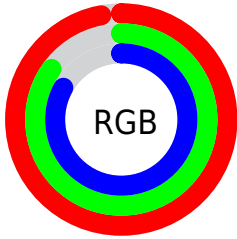
Format	Color
R _Y B	247, 218, 212
Decimal	16243156
CIE Lab	89.00, 9.59, 6.26
CIE LCh	89, 11.451, 33.168
Yxy	74.1641, 0.3383, 0.3342
Android (android.graphics.Color)	4294433236 (0xFFFF7D9D4)
YUV	225.4000, -6.6062, 18.9432
Hunter-Lab	86.1186, 4.8815, 10.2620

Details

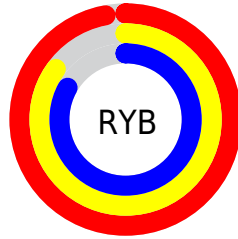
The CIELCh color **89, 11.451, 33.168** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 10.420, 213.212**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 11.410, 34.109** is the 20% darker color. If you saturate the color by 10%, you get **83, 20.373, 33.474**, and if you desaturate by 10%, it is **95, 3.231, 32.911**.

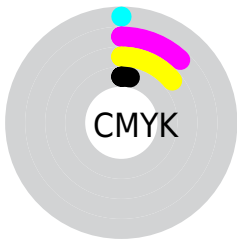
Distribution



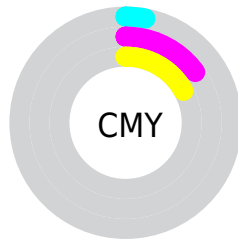
- Red (97%)
- Green (85%)
- Blue (83%)



- Red (97%)
- Yellow (85%)
- Blue (83%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (3%)



- Cyan (3%)
- Magenta (15%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 11.451, 33.168 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, 11.451, 33.168 by changing the saturation by 10% instead.

 89, 11.451, 33.168

 89, 11.451, 33.168

 100, 11.451,
33.168

 79, 11.451, 33.168

 69, 11.451, 33.168

 59, 11.451, 33.168

 49, 11.451, 33.168

 39, 11.451, 33.168

 29, 11.451, 33.168

 19, 11.451, 33.168

 9, 11.451, 33.168

 0, 11.451, 33.168

89, 11.451, 33.168

89, 11.451, 33.168

83, 20.373, 33.474

95, 3.231, 32.911

78, 30.040, 33.937

99, 2.765, 199.470

73, 40.453, 34.634

68, 51.553, 35.617

63, 63.181, 36.926

59, 75.006, 38.530

56, 86.318, 40.214

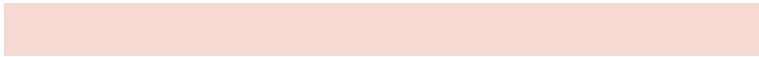
54, 95.556, 41.357

53, 99.439, 41.673

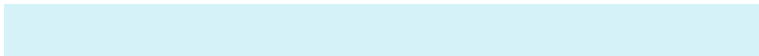
Harmonies

Complementary

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



89, 11.451, 33.168



94, 10.420, 213.212

Rectangle

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



89, 11.451, 33.168



89, 11.451, 83.168



89, 11.451, 213.168



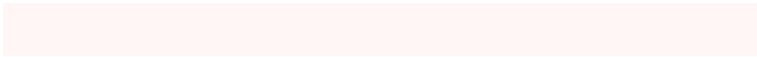
89, 11.451, 263.168

Sweetspot

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



89, 11.450, 33.181



98, 3.179, 32.901



89, 20.118, 329.137



52, 2.266, 32.940



0, 0.000, 0.000



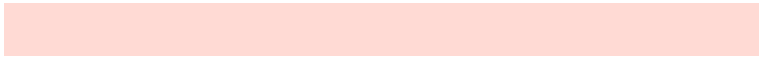
53, 0.007, 296.813

Same Dimension

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



89, 11.450, 33.181



90, 14.267, 33.251



93, 12.334, 86.533



48, 4.470, 33.077



40, 80.035, 41.989



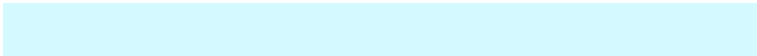
10, 28.315, 32.664

Inverse Universe

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



94, 10.420, 213.212



95, 12.718, 213.243



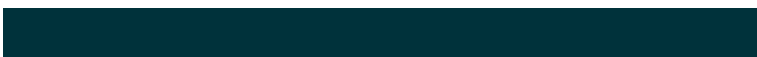
89, 12.234, 270.359



50, 4.204, 213.196



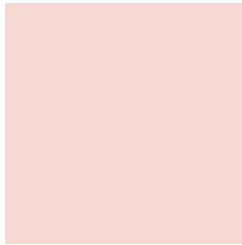
60, 34.459, 223.167



18, 15.430, 219.155

Previews

White Background



This preview shows how the CIELCh color 89, 11.451, 33.168 looks on a white background.

Color Contrast Check

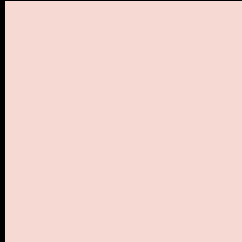
Large Text (above 18pt) WCAG AA × Fail

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, 11.451, 33.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

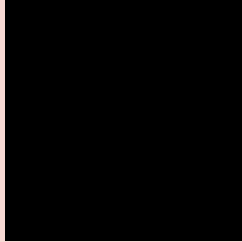
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 11.451, 33.168

Background



This preview shows how black text looks on a background with the CIELCh color 89, 11.451, 33.168.

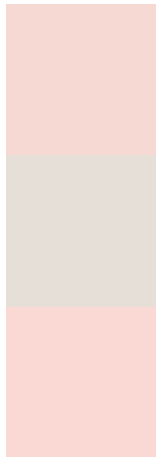


This preview shows how white text looks on a background with the CIELCh color 89, 11.451, 33.168.

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, 11.451, 33.168

Protanopia

89, 4.854, 78.051

Deuteranopia

89, 12.833, 29.516



Tritanopia
89, 15.416, 345.627

Trichromacy



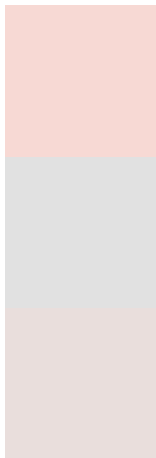
Original Color
89, 11.451, 33.168

Protanomaly
89, 6.587, 53.050

Deuteranomaly
89, 12.458, 29.772

Tritanomaly
89, 12.903, 359.152

Monochromacy



Original Color
89, 11.451, 33.168

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 4.115, 34.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 11.451, 33.168 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, 217, 212)` looks like.

```
.text, #text, p{  
    color:rgb(247, 217, 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(247, 217, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 217, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 11.451, 33.168 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, 217, 212) }
```

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

```
.border{ border-color:rgb(247, 217, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 217, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 217, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 217, 212);  
box-shadow:4px 4px 4px 4px rgb(247, 217,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 11.451, 33.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 217, 212) }
```

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

```
.background{ background-color: rgb(247,  
217, 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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