

Converting Colors

CIELCh(89, 11.701, 27.999)

Have a look what the booklet for
CIELCh(89, 11.701, 27.999) contains.

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Color

CIELCh(89, 11.697, 30.337)

Conversions

Conversions Part 1

Format	Color
Hex	F8D9D5
RGB	248, 217, 213
RGB Percent	97%, 85%, 84%
CMY	0.0286, 0.1502, 0.1659
CMYK	0.00, 0.13, 0.14, 0.03
HSL	7°, 71%, 90%
HSV	7°, 14%, 97%
XYZ	75.3139, 74.1641, 73.1014
YIQ	225.8130, 19.7600, 5.3280

Conversions

Conversions Part 2

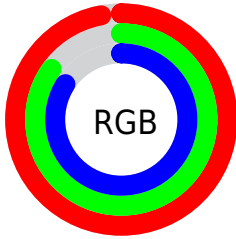
Format	Color
R _Y B	248, 218, 213
Decimal	16308693
CIE Lab	89.00, 10.10, 5.91
CIE LCh	89, 11.697, 30.337
Yxy	74.1641, 0.3384, 0.3332
Android (android.graphics.Color)	4294498773 (0xFFFF8D9D5)
YUV	225.8130, -6.3168, 19.4580
Hunter-Lab	86.1186, 5.3972, 9.9550

Details

The CIELCh color **89, 11.697, 30.337** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 10.643, 210.009**, 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, 11.660, 31.114** is the 20% darker color. If you saturate the color by 10%, you get **83, 20.832, 30.787**, and if you desaturate by 10%, it is **95, 3.276, 29.949**.

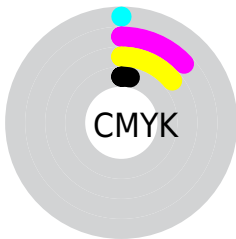
Distribution



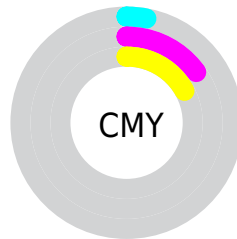
- Red (97%)
- Green (85%)
- Blue (84%)



- Red (97%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (13%)
- Yellow (14%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 11.697, 30.337 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, 11.697, 30.337 by changing the saturation by 10% instead.

89, 11.697, 30.337

89, 11.697, 30.337

100, 11.697,
30.337

79, 11.697, 30.337

69, 11.697, 30.337

59, 11.697, 30.337

49, 11.697, 30.337

39, 11.697, 30.337

29, 11.697, 30.337

19, 11.697, 30.337

9, 11.697, 30.337

0, 11.697, 30.337

89, 11.697, 30.337

89, 11.697, 30.337

83, 20.832, 30.787

95, 3.276, 29.949

78, 30.719, 31.414

99, 2.530, 199.507

72, 41.345, 32.301

67, 52.631, 33.511

63, 64.395, 35.092

59, 76.283, 37.024

56, 87.575, 39.089

54, 96.689, 40.624

53, 100.442,
41.150

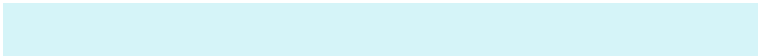
Harmonies

Complementary

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



89, 11.697, 30.337



94, 10.643, 210.009

Rectangle

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



89, 11.697, 30.337



89, 11.697, 80.337



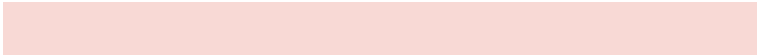
89, 11.697, 210.337



89, 11.697, 260.337

Sweetspot

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



89, 11.696, 30.349



98, 3.251, 29.940



89, 20.573, 328.081



52, 2.317, 29.988



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

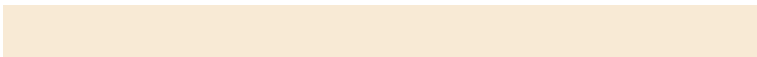
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 11.696, 30.349



90, 14.587, 30.461



93, 11.964, 83.576



49, 4.649, 30.185



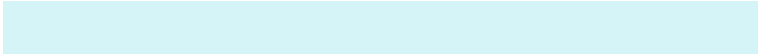
40, 81.563, 41.402



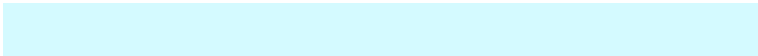
10, 30.018, 31.994

Inverse Universe

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



94, 10.643, 210.009



96, 12.999, 209.997



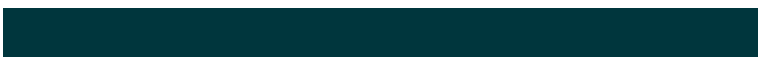
90, 11.793, 267.425



51, 4.370, 210.058



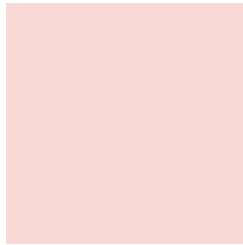
63, 35.241, 217.164



20, 16.102, 214.221

Previews

White Background



This preview shows how the CIELCh color 89, 11.697, 30.337 looks on a white background.

Color Contrast Check

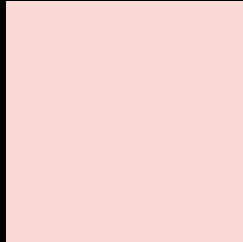
Large Text (above 18pt) WCAG AA × Fail

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, 11.697, 30.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

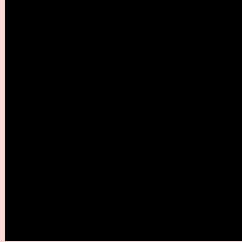
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

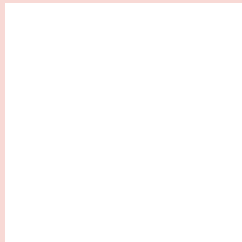
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 11.697, 30.337

Background



This preview shows how black text looks on a background with the CIELCh color 89, 11.697, 30.337.

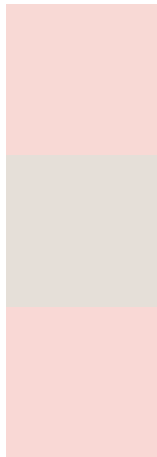


This preview shows how white text looks on a background with the CIELCh color 89, 11.697, 30.337.

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, 11.697, 30.337

Protanopia

89, 4.219, 78.670

Deuteranopia

89, 12.359, 27.434



Tritanopia
89, 15.714, 346.424

Trichromacy



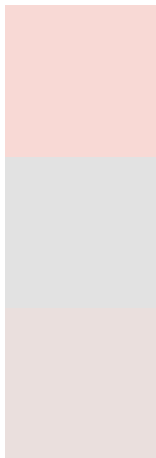
Original Color
89, 11.697, 30.337

Protanomaly
89, 6.309, 49.173

Deuteranomaly
89, 12.359, 27.434

Tritanomaly
89, 13.248, 359.766

Monochromacy



Original Color
89, 11.697, 30.337

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 4.111, 34.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 11.697, 30.337 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(248, 217, 213)` looks like.

```
.text, #text, p{  
    color:rgb(248, 217, 213)  
}
```

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(248, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 217, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 11.697, 30.337 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(248, 217, 213) }
```

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

```
.border{ border-color:rgb(248, 217, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(248, 217,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 11.697, 30.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 217, 213) }
```

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

```
.background{ background-color: rgb(248,  
217, 213) }
```

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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