

Converting Colors

CIELCh(89, 16.833, 72.753)

Have a look what the booklet for
CIELCh(89, 16.833, 72.753) contains.

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Color

CIELCh(89, 16.817, 72.763)

Conversions

Conversions Part 1

Format	Color
Hex	F5DBC1
RGB	245, 219, 193
RGB Percent	96%, 86%, 76%
CMY	0.0379, 0.1399, 0.2419
CMYK	0.00, 0.11, 0.21, 0.04
HSL	30°, 73%, 86%
HSV	30°, 21%, 96%
XYZ	72.8450, 74.1641, 61.1093
YIQ	223.8100, 23.8420, -2.5740

Conversions

Conversions Part 2

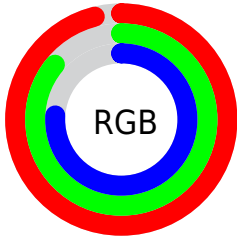
Format	Color
R _Y B	245, 245, 193
Decimal	16112577
CIE Lab	89.00, 4.98, 16.06
CIE LCh	89, 16.817, 72.763
Yxy	74.1641, 0.3500, 0.3564
Android (android.graphics.Color)	4294302657 (0xFFF5DBC1)
YUV	223.8100, -15.1893, 18.5836
Hunter-Lab	86.1186, 0.2799, 18.2112

Details

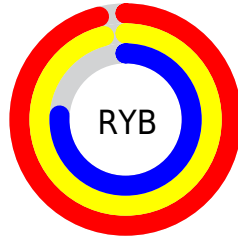
The CIELCh color **89, 16.817, 72.763** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86, 15.890, 258.542**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **69, 16.922, 73.272** is the 20% darker color. If you saturate the color by 10%, you get **85, 25.350, 71.513**, and if you desaturate by 10%, it is **93, 8.677, 74.002**.

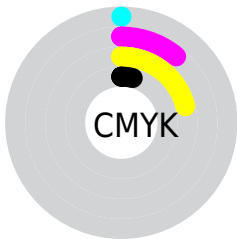
Distribution



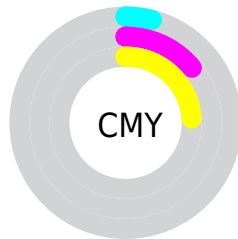
- Red (96%)
- Green (86%)
- Blue (76%)



- Red (96%)
- Yellow (96%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 16.817, 72.763 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, 16.817, 72.763 by changing the saturation by 10% instead.

 89, 16.817, 72.763

 89, 16.817, 72.763

 100, 16.817,
72.763

 79, 16.817, 72.763

 69, 16.817, 72.763

 59, 16.817, 72.763

 49, 16.817, 72.763

 39, 16.817, 72.763

 29, 16.817, 72.763

 19, 16.817, 72.763

 9, 16.817, 72.763

 0, 16.817, 72.763

89, 16.817, 72.763

89, 16.817, 72.763

85, 25.350, 71.513

93, 8.677, 74.002

82, 34.280, 70.239

96, 0.903, 74.807

79, 43.570, 68.950

99, 3.345, 199.391

76, 53.101, 67.625

72, 62.590, 66.204

70, 71.452, 64.544

67, 78.670, 62.366

65, 83.087, 59.874

Harmonies

Complementary

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



89, 16.817, 72.763



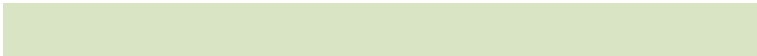
86, 15.890, 258.542

Rectangle

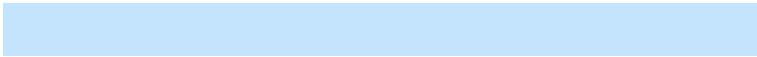
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 16.817, 72.763



89, 16.817, 122.763



89, 16.817, 252.763



89, 16.817, 302.763

Sweetspot

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



89, 16.817, 72.773



98, 4.735, 74.600



83, 23.349, 345.532



52, 3.146, 74.529



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, 16.817, 72.773



91, 20.650, 72.290



96, 26.427, 108.111



49, 4.376, 74.206



50, 67.295, 60.576



14, 24.632, 61.456

Inverse Universe

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



86, 15.890, 258.542



88, 19.285, 259.231



80, 27.773, 292.620



49, 4.280, 256.730



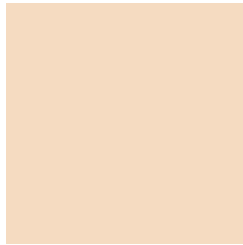
40, 57.049, 284.103



11, 22.171, 276.812

Previews

White Background



This preview shows how the CIELCh color 89, 16.817, 72.763 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, 16.817, 72.763 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, 16.817, 72.763

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.817, 72.763.



This preview shows how white text looks on a background with the CIELCh color 89, 16.817, 72.763.

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, 16.817, 72.763

Protanopia

89, 15.093, 92.952

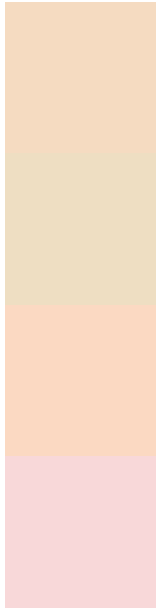
Deuteranopia

89, 18.622, 55.771



Tritanopia
89, 15.714, 346.424

Trichromacy



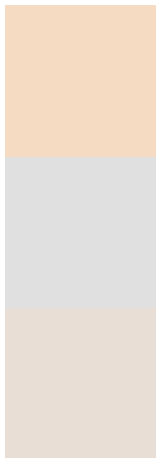
Original Color
89, 16.817, 72.763

Protanomaly
89, 15.747, 86.235

Deuteranomaly
89, 17.768, 61.957

Tritanomaly
89, 11.807, 17.714

Monochromacy



Original Color
89, 16.817, 72.763

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 5.921, 71.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.817, 72.763 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(245, 219, 193)` looks like.

```
.text, #text, p{  
    color:rgb(245, 219, 193)  
}
```

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(245, 219, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 219, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.817, 72.763 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(245, 219, 193) }
```

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

```
.border{ border-color:rgb(245, 219, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 219, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 219, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 219, 193); box-shadow:4px 4px 4px 4px rgb(245, 219, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.817, 72.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 219, 193) }
```

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

```
.background{ background-color: rgb(245,  
219, 193) }
```

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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