

Converting Colors

CIE LCh(89, 16.907, 45.190)

Have a look what the booklet for
CIELCh(89, 16.907, 45.190) contains.

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Color

CIELCh(89, 16.923, 45.600)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7C9
RGB	255, 215, 201
RGB Percent	100%, 84%, 79%
CMY	0.0000, 0.1564, 0.2113
CMYK	0.00, 0.16, 0.21, 0.00
HSL	16°, 100%, 89%
HSV	16°, 21%, 100%
XYZ	76.1693, 74.1641, 65.6288
YIQ	225.3640, 28.3340, 4.1260

Conversions

Conversions Part 2

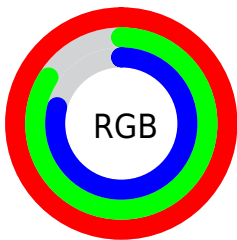
Format	Color
R _Y B	255, 220, 201
Decimal	16766921
CIE Lab	89.00, 11.84, 12.09
CIE LCh	89, 16.923, 45.600
Yxy	74.1641, 0.3527, 0.3434
Android (android.graphics.Color)	4294957001 (0xFFFFD7C9)
YUV	225.3640, -12.0115, 25.9908
Hunter-Lab	86.1186, 7.1702, 15.0996

Details

The CIELCh color **89, 16.923, 45.600** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 14.784, 228.124**, 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, 17.082, 44.999** is the 20% darker color. If you saturate the color by 10%, you get **84, 25.907, 45.402**, and if you desaturate by 10%, it is **94, 8.541, 46.029**.

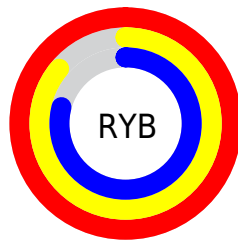
Distribution



Red (100%)

Green (84%)

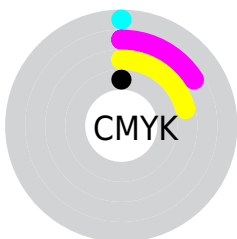
Blue (79%)



Red (100%)

Yellow (86%)

Blue (79%)

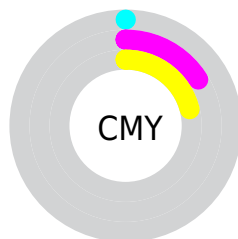


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 16.923, 45.600 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, 16.923, 45.600 by changing the saturation by 10% instead.

 89, 16.923, 45.600

 89, 16.923, 45.600

 100, 16.923,
45.600

 79, 16.923, 45.600

 69, 16.923, 45.600

 59, 16.923, 45.600

 49, 16.923, 45.600

 39, 16.923, 45.600

 29, 16.923, 45.600

 19, 16.923, 45.600

 9, 16.923, 45.600

 0, 16.923, 45.600

89, 16.923, 45.600

89, 16.923, 45.600

84, 25.907, 45.402

94, 8.541, 46.029

79, 35.662, 45.253

99, 0.832, 45.814

74, 46.147, 45.259

100, 0.012,
296.813

70, 57.288, 45.431

66, 68.866, 45.733

62, 80.341, 46.015

59, 90.514, 45.872

57, 97.227, 45.065

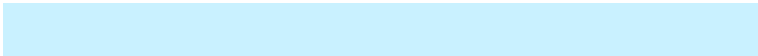
Harmonies

Complementary

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



89, 16.923, 45.600



93, 14.784, 228.124

Rectangle

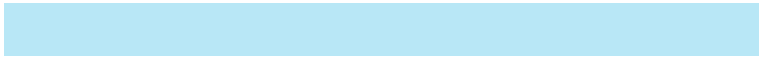
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 16.923, 45.600



89, 16.923, 95.600



89, 16.923, 225.600



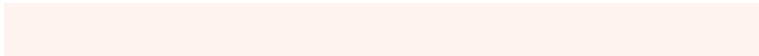
89, 16.923, 275.600

Sweetspot

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



89, 16.880, 45.675



97, 4.510, 46.195



87, 28.443, 333.753



51, 2.999, 46.178



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, 16.880, 45.675



87, 20.288, 45.557



95, 21.238, 94.658



50, 4.334, 46.087



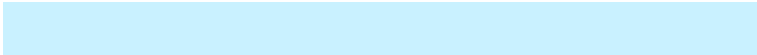
43, 77.819, 45.574



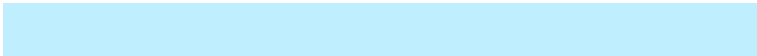
12, 29.107, 40.934

Inverse Universe

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



93, 14.784, 228.124



92, 17.290, 228.491



86, 21.545, 280.152



51, 4.100, 227.263



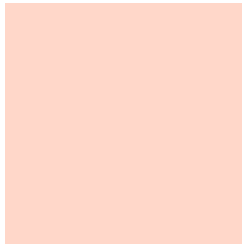
55, 37.306, 248.410



18, 16.608, 241.877

Previews

White Background



This preview shows how the CIELCh color 89, 16.923, 45.600 looks on a white background.

Color Contrast Check

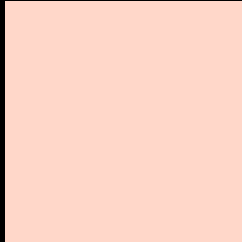
Large Text (above 18pt) WCAG AA × Fail

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, 16.923, 45.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

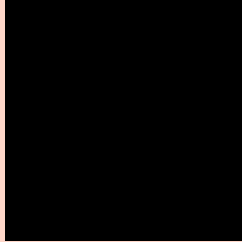
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 16.923, 45.600

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.923, 45.600.

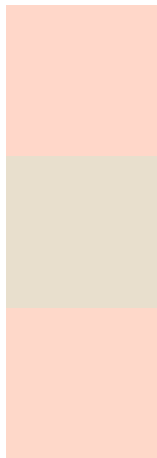


This preview shows how white text looks on a background with the CIELCh color 89, 16.923, 45.600.

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, 16.923, 45.600

Protanopia

89, 9.904, 89.643

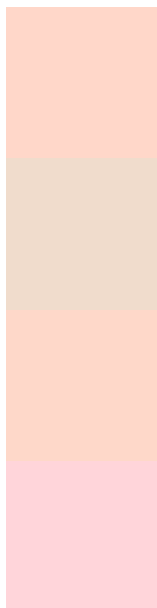
Deuteranopia

89, 16.470, 48.285



Tritanopia
89, 17.464, 354.310

Trichromacy



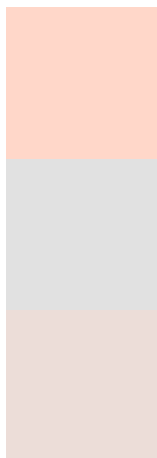
Original Color
89, 16.923, 45.600

Protanomaly
89, 11.193, 67.427

Deuteranomaly
89, 16.470, 48.285

Tritanomaly
89, 15.720, 11.104

Monochromacy



Original Color
89, 16.923, 45.600

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 6.062, 44.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.923, 45.600 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(255, 215, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 201)  
}
```

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(255, 215, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.923, 45.600 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(255, 215, 201) }
```

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

```
.border{ border-color:rgb(255, 215, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.923, 45.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 201) }
```

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

```
.background{ background-color: rgb(255,  
215, 201) }
```

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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