

Converting Colors

CIE LCh(89, 15.290, 34.190)

Have a look what the booklet for
CIELCh(89, 15.290, 34.190) contains.

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Color

CIELCh(89, 15.119, 34.199)

Conversions

Conversions Part 1

Format	Color
Hex	FED7D0
RGB	254, 215, 208
RGB Percent	100%, 84%, 82%
CMY	0.0043, 0.1572, 0.1846
CMYK	0.00, 0.15, 0.18, 0.00
HSL	9°, 95%, 91%
HSV	9°, 18%, 100%
XYZ	76.4966, 74.1641, 69.9058
YIQ	225.8630, 25.4910, 6.0910

Conversions

Conversions Part 2

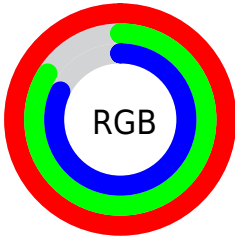
Format	Color
R _Y B	254, 216, 208
Decimal	16701392
CIE Lab	89.00, 12.50, 8.50
CIE LCh	89, 15.119, 34.199
Yxy	74.1641, 0.3468, 0.3362
Android (android.graphics.Color)	4294891472 (0xFF FED7D0)
YUV	225.8630, -8.8065, 24.6761
Hunter-Lab	86.1186, 7.8487, 12.1550

Details

The CIELCh color **89, 15.119, 34.199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 13.371, 214.350**, 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, 15.180, 33.047** is the 20% darker color. If you saturate the color by 10%, you get **83, 24.479, 34.512**, and if you desaturate by 10%, it is **95, 6.493, 34.019**.

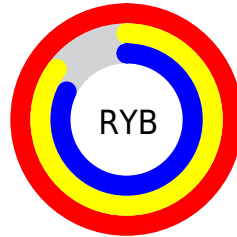
Distribution



Red (100%)

Green (84%)

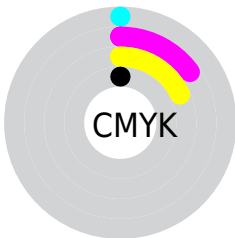
Blue (82%)



Red (100%)

Yellow (85%)

Blue (82%)

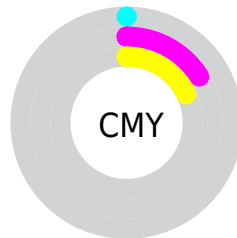


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 15.119, 34.199 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, 15.119, 34.199 by changing the saturation by 10% instead.

 89, 15.119, 34.199

 89, 15.119, 34.199

 100, 15.119,
34.199

 79, 15.119, 34.199

 69, 15.119, 34.199

 59, 15.119, 34.199

 49, 15.119, 34.199

 39, 15.119, 34.199

 29, 15.119, 34.199

 19, 15.119, 34.199

 9, 15.119, 34.199

 0, 15.119, 34.199

89, 15.119, 34.199

89, 15.119, 34.199

83, 24.479, 34.512

95, 6.493, 34.019

78, 34.608, 35.004

100, 0.377,
201.140

73, 45.489, 35.744

68, 57.034, 36.778

64, 69.028, 38.122

60, 81.019, 39.690

57, 92.002, 41.136

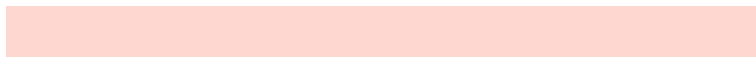
55, 100.032,
41.724

55, 101.282,
41.841

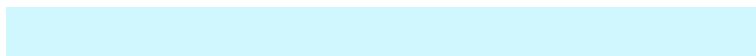
Harmonies

Complementary

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



89, 15.119, 34.199



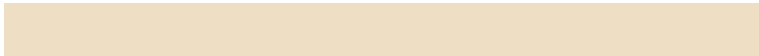
95, 13.371, 214.350

Rectangle

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



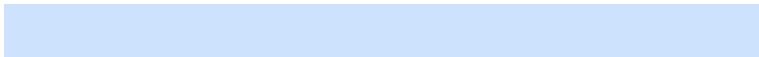
89, 15.119, 34.199



89, 15.119, 84.199



89, 15.119, 214.199



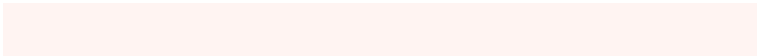
89, 15.119, 264.199

Sweetspot

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



89, 15.118, 34.209



97, 3.963, 33.938



88, 26.036, 329.934



51, 2.712, 33.961



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

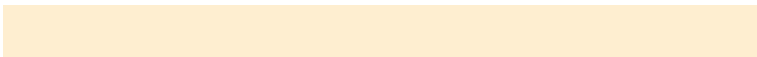
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 15.118, 34.209



87, 18.731, 34.308



95, 16.454, 87.432



50, 4.592, 34.045



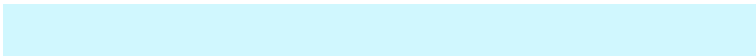
41, 81.454, 42.163



11, 30.675, 34.652

Inverse Universe

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



95, 13.371, 214.350



94, 16.090, 214.443



89, 16.332, 272.371



52, 4.318, 214.246



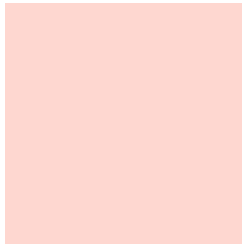
61, 35.093, 225.231



20, 16.220, 221.295

Previews

White Background



This preview shows how the CIELCh color 89, 15.119, 34.199 looks on a white background.

Color Contrast Check

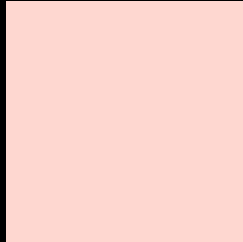
Large Text (above 18pt) WCAG AA × Fail

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, 15.119, 34.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

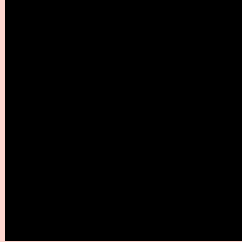
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

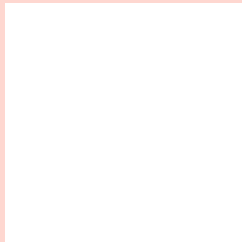
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 15.119, 34.199

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.119, 34.199.

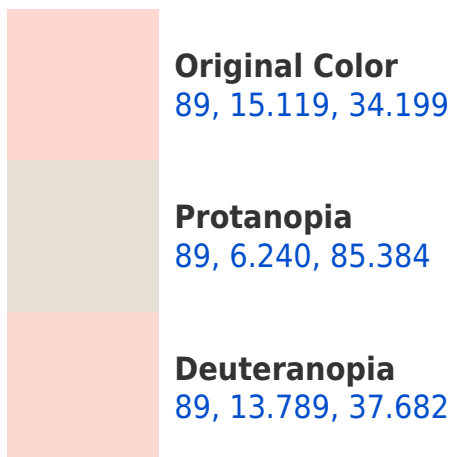


This preview shows how white text looks on a background with the CIELCh color 89, 15.119, 34.199.

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, 17.680, 352.784

Trichromacy



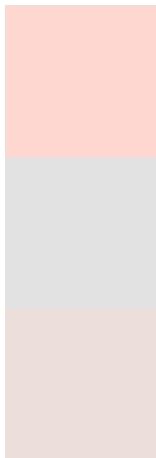
Original Color
89, 15.119, 34.199

Protanomaly
89, 8.436, 53.286

Deuteranomaly
89, 14.156, 37.238

Tritanomaly
89, 15.972, 5.585

Monochromacy



Original Color
89, 15.119, 34.199

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 5.323, 36.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.119, 34.199 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(254, 215, 208)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 208)  
}
```

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(254, 215, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.119, 34.199 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(254, 215, 208) }
```

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

```
.border{ border-color:rgb(254, 215, 208) }
```

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

Here you see how a box with a 4 pixel rgb(254, 215, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.119, 34.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 215, 208) }
```

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

```
.background{ background-color: rgb(254,  
215, 208) }
```

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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