

Converting Colors

CIELCh(89, 15.729, 38.416)

Have a look what the booklet for
CIELCh(89, 15.729, 38.416) contains.

CIELCh(89, 15.459, 37.843)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(89, 15.459, 37.843)

Conversions

Conversions Part 1

Format	Color
Hex	FED7CE
RGB	254, 215, 206
RGB Percent	100%, 84%, 81%
CMY	0.0037, 0.1566, 0.1920
CMYK	0.00, 0.15, 0.19, 0.00
HSL	11°, 96%, 90%
HSV	11°, 19%, 100%
XYZ	76.3502, 74.1641, 68.7140
YIQ	225.6350, 26.1330, 5.4690

Conversions

Conversions Part 2

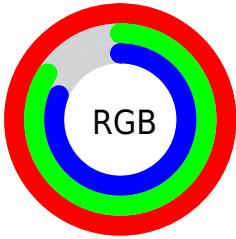
Format	Color
RYB	254, 217, 206
Decimal	16701390
CIELab	89.00, 12.21, 9.48
CIELCh	89, 15.459, 37.843
Yxy	74.1641, 0.3483, 0.3383
Android (android.graphics.Color)	4294891470 (0xFF FED7CE)
YUV	225.6350, -9.6801, 24.8761
Hunter-Lab	86.1186, 7.5453, 12.9756

Details

The CIELCh color **89, 15.459, 37.843** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 13.623, 218.657**, 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, 15.532, 36.873** is the 20% darker color. If you saturate the color by 10%, you get **84, 24.661, 37.970**, and if you desaturate by 10%, it is **95, 6.978, 37.839**.

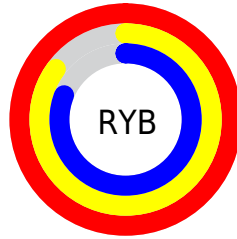
Distribution



Red (100%)

Green (84%)

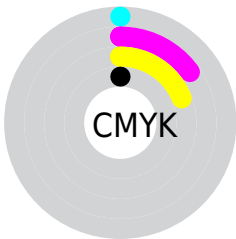
Blue (81%)



Red (100%)

Yellow (85%)

Blue (81%)

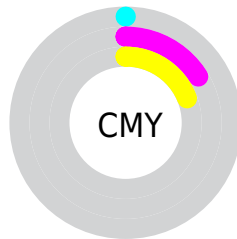


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 15.459, 37.843 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, 15.459, 37.843 by changing the saturation by 10% instead.

 89, 15.459, 37.843

 89, 15.459, 37.843

 100, 15.459,
37.843

 79, 15.459, 37.843

 69, 15.459, 37.843

 59, 15.459, 37.843

 49, 15.459, 37.843

 39, 15.459, 37.843

 29, 15.459, 37.843

 19, 15.459, 37.843

 9, 15.459, 37.843

 0, 15.459, 37.843

89, 15.459, 37.843

89, 15.459, 37.843

84, 24.661, 37.970

95, 6.978, 37.839

78, 34.624, 38.254

100, 0.330,
201.394

73, 45.343, 38.754

69, 56.743, 39.505

64, 68.618, 40.506

61, 80.505, 41.652

58, 91.353, 42.586

55, 99.311, 42.666

55, 100.076,
42.693

Harmonies

Complementary

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



89, 15.459, 37.843



94, 13.623, 218.657

Rectangle

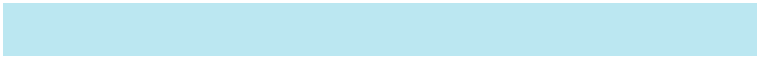
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



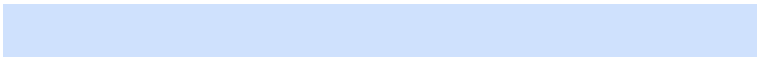
89, 15.459, 37.843



89, 15.459, 87.843



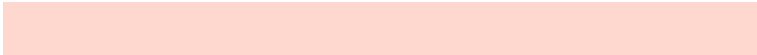
89, 15.459, 217.843



89, 15.459, 267.843

Sweetspot

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



89, 15.458, 37.853



97, 4.665, 37.823



88, 26.550, 331.127



51, 3.103, 37.829



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

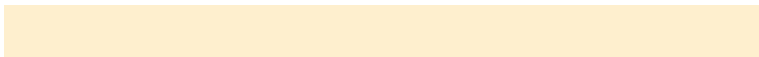
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 15.458, 37.853



87, 19.205, 37.884



95, 17.724, 90.033



50, 4.486, 37.839



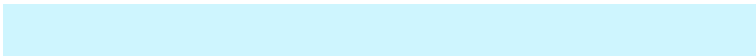
42, 80.399, 43.077



12, 30.163, 36.476

Inverse Universe

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



94, 13.623, 218.657



93, 16.414, 218.848



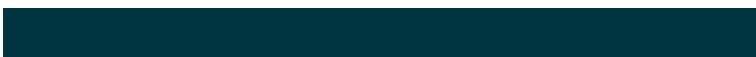
88, 17.719, 275.115



52, 4.223, 218.359



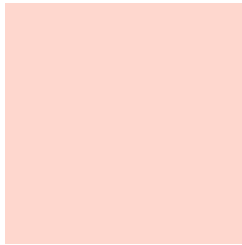
59, 35.214, 232.956



19, 16.133, 228.013

Previews

White Background



This preview shows how the CIELCh color 89, 15.459, 37.843 looks on a white background.

Color Contrast Check

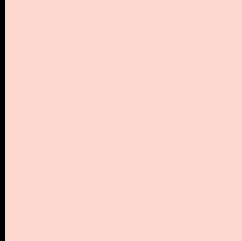
Large Text (above 18pt) WCAG AA × Fail

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, 15.459, 37.843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

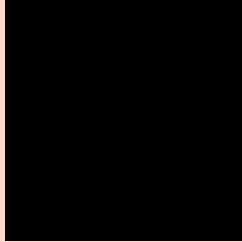
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 15.459, 37.843

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.459, 37.843.

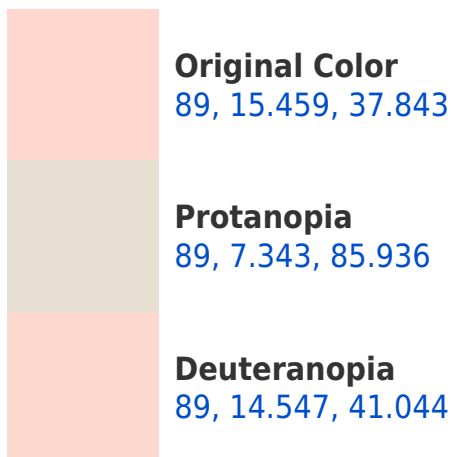


This preview shows how white text looks on a background with the CIELCh color 89, 15.459, 37.843.

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



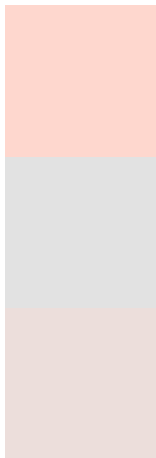
Original Color
89, 15.459, 37.843

Protanomaly
89, 9.073, 58.621

Deuteranomaly
89, 14.908, 40.538

Tritanomaly
89, 15.871, 7.404

Monochromacy



Original Color
89, 15.459, 37.843

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, 15.459, 37.843 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.459, 37.843 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, 206) }
```

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

```
.border{ border-color:rgb(254, 215, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.459, 37.843 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, 206) }
```

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

```
.background{ background-color: rgb(254,  
215, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor