

Converting Colors

CIE LCh(89, 14.691, 23.164)

Have a look what the booklet for
CIELCh(89, 14.691, 23.164) contains.

CIELCh(89, 14.909, 22.439)	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, 14.909, 22.439)

Conversions

Conversions Part 1

Format	Color
Hex	FED6D5
RGB	254, 214, 213
RGB Percent	100%, 84%, 84%
CMY	0.0029, 0.1597, 0.1637
CMYK	0.00, 0.16, 0.16, 0.00
HSL	1°, 97%, 92%
HSV	1°, 16%, 100%
XYZ	77.1277, 74.1641, 73.3738
YIQ	225.8460, 24.1610, 8.1690

Conversions

Conversions Part 2

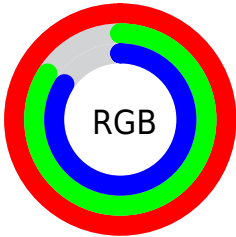
Format	Color
RYB	254, 214, 213
Decimal	16701141
CIELab	89.00, 13.78, 5.69
CIELCh	89, 14.909, 22.439
Yxy	74.1641, 0.3433, 0.3301
Android (android.graphics.Color)	4294891221 (0xFF FED6D5)
YUV	225.8460, -6.3331, 24.6911
Hunter-Lab	86.1186, 9.1567, 9.7675

Details

The CIELCh color **89, 14.909, 22.439** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 13.399, 200.822**, 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, 15.061, 22.815** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.135, 23.341**, and if you desaturate by 10%, it is **96, 5.440, 21.708**.

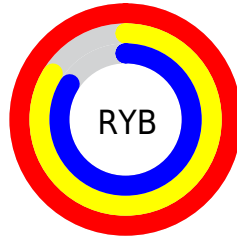
Distribution



Red (100%)

Green (84%)

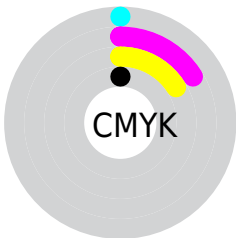
Blue (84%)



Red (100%)

Yellow (84%)

Blue (84%)

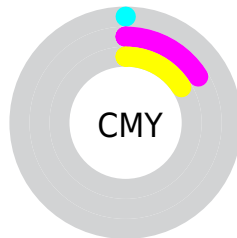


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 14.909, 22.439 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, 14.909, 22.439 by changing the saturation by 10% instead.

 89, 14.909, 22.439

 89, 14.909, 22.439

 100, 14.909,
22.439

 79, 14.909, 22.439

 69, 14.909, 22.439

 59, 14.909, 22.439

 49, 14.909, 22.439

 39, 14.909, 22.439

 29, 14.909, 22.439

 19, 14.909, 22.439

 9, 14.909, 22.439

 0, 14.909, 22.439

89, 14.909, 22.439

89, 14.909, 22.439

83, 25.135, 23.341

96, 5.440, 21.708

76, 36.107, 24.508

100, 0.253,
202.009

71, 47.732, 26.044

65, 59.812, 28.053

61, 72.026, 30.615

57, 83.890, 33.702

55, 94.542, 36.967

54, 102.093,
39.434

53, 104.055,
40.173

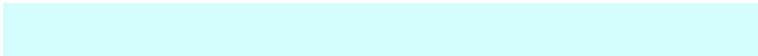
Harmonies

Complementary

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



89, 14.909, 22.439



97, 13.399, 200.822

Rectangle

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



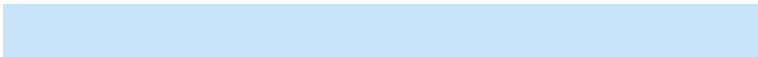
89, 14.909, 22.439



89, 14.909, 72.439



89, 14.909, 202.439



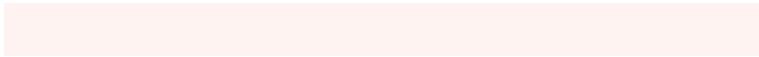
89, 14.909, 252.439

Sweetspot

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



89, 14.907, 22.448



97, 4.429, 21.616



90, 25.422, 325.773



51, 3.030, 21.675



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, 14.907, 22.448



87, 17.807, 22.682



94, 13.147, 75.146



50, 5.128, 21.956



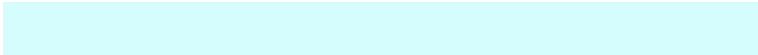
40, 83.891, 40.247



10, 32.864, 28.372

Inverse Universe

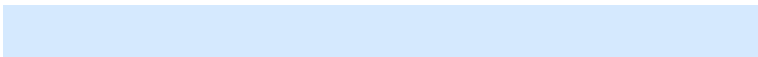
The Inverse Universe completely reimagines the original color for something new.



97, 13.399, 200.822



96, 15.680, 200.700



92, 12.664, 259.508



52, 4.824, 201.138



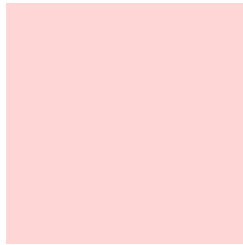
69, 39.004, 200.307



23, 18.015, 199.820

Previews

White Background



This preview shows how the CIELCh color 89, 14.909, 22.439 looks on a white background.

Color Contrast Check

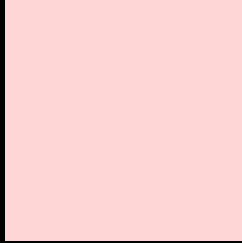
Large Text (above 18pt) WCAG AA × Fail

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, 14.909, 22.439 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, 14.909, 22.439

Background



This preview shows how black text looks on a background with the CIELCh color 89, 14.909, 22.439.

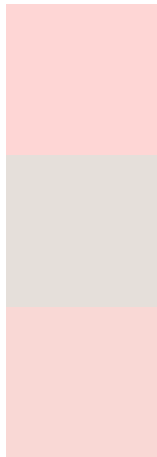


This preview shows how white text looks on a background with the CIELCh color 89, 14.909, 22.439.

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, 14.909, 22.439

Protanopia

89, 3.368, 69.657

Deuteranopia

89, 12.359, 27.434



Tritanopia
89, 17.680, 352.784

Trichromacy



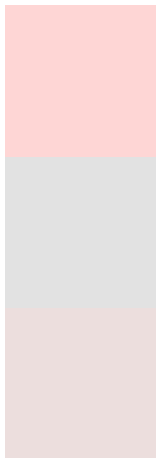
Original Color
89, 14.909, 22.439

Protanomaly
89, 6.912, 37.205

Deuteranomaly
89, 13.430, 24.739

Tritanomaly
89, 16.224, 2.027

Monochromacy



Original Color
89, 14.909, 22.439

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.106, 25.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 14.909, 22.439 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, 214, 213)` looks like.

```
.text, #text, p{  
    color:rgb(254, 214, 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(254, 214, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 214, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 14.909, 22.439 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, 214, 213) }
```

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

```
.border{ border-color:rgb(254, 214, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 214, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 214, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 214, 213);  
box-shadow:4px 4px 4px 4px rgb(254, 214,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 14.909, 22.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 214, 213) }
```

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

```
.background{ background-color: rgb(254,  
214, 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](#).

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