

Converting Colors

CIELCh(89, 13.823, 24.649)

Have a look what the booklet for
CIELCh(89, 13.823, 24.649) contains.

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Color

CIELCh(89, 13.809, 24.645)

Conversions

Conversions Part 1

Format	Color
Hex	FCD7D5
RGB	252, 215, 213
RGB Percent	99%, 84%, 84%
CMY	0.0114, 0.1565, 0.1644
CMYK	0.00, 0.15, 0.15, 0.01
HSL	3°, 87%, 91%
HSV	3°, 15%, 99%
XYZ	76.5195, 74.1641, 73.2890
YIQ	225.8350, 22.6940, 7.2220

Conversions

Conversions Part 2

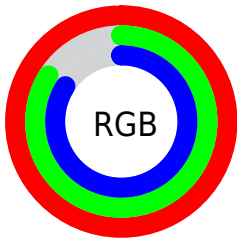
Format	Color
R _Y B	252, 215, 213
Decimal	16570325
CIE Lab	89.00, 12.55, 5.76
CIE LCh	89, 13.809, 24.645
Yxy	74.1641, 0.3416, 0.3311
Android (android.graphics.Color)	4294760405 (0xFFFC7D5)
YUV	225.8350, -6.3277, 22.9467
Hunter-Lab	86.1186, 7.8961, 9.8258

Details

The CIELCh color **89, 13.809, 24.645** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 12.455, 203.427**, 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, 13.895, 25.103** is the 20% darker color. If you saturate the color by 10%, you get **83, 23.678, 25.416**, and if you desaturate by 10%, it is **95, 4.687, 24.016**.

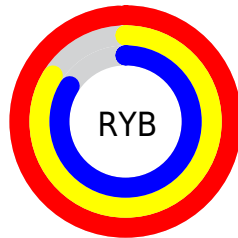
Distribution



Red (99%)

Green (84%)

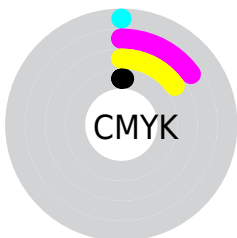
Blue (84%)



Red (99%)

Yellow (84%)

Blue (84%)

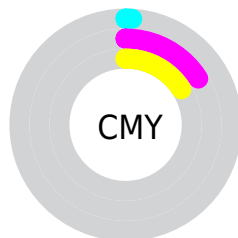


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 13.809, 24.645 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, 13.809, 24.645 by changing the saturation by 10% instead.

 89, 13.809, 24.645

 89, 13.809, 24.645

 100, 13.809,
24.645

 79, 13.809, 24.645

 69, 13.809, 24.645

 59, 13.809, 24.645

 49, 13.809, 24.645

 39, 13.809, 24.645

 29, 13.809, 24.645

 19, 13.809, 24.645

 9, 13.809, 24.645

 0, 13.809, 24.645

89, 13.809, 24.645

89, 13.809, 24.645

83, 23.678, 25.416

95, 4.687, 24.016

77, 34.302, 26.423

100, 1.012,
199.996

71, 45.617, 27.764

66, 57.470, 29.528

61, 69.586, 31.785

58, 81.521, 34.514

55, 92.451, 37.419

53, 100.577,
39.636

53, 103.042,
40.373

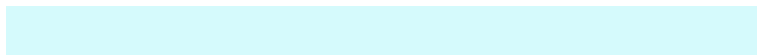
Harmonies

Complementary

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



89, 13.809, 24.645



96, 12.455, 203.427

Rectangle

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



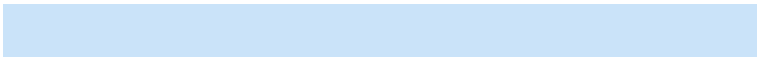
89, 13.809, 24.645



89, 13.809, 74.645



89, 13.809, 204.645



89, 13.809, 254.645

Sweetspot

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



89, 13.807, 24.655



97, 4.315, 23.980



90, 23.669, 326.672



51, 2.952, 24.032



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

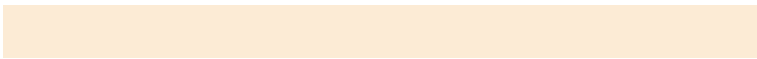
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 13.807, 24.655



88, 17.365, 24.902



94, 12.799, 78.624



49, 4.915, 24.276



40, 82.683, 40.527



10, 31.140, 28.757

Inverse Universe

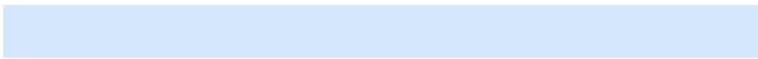
The Inverse Universe completely reimagines the original color for something new.



96, 12.455, 203.427



96, 15.268, 203.316



91, 12.452, 262.856



51, 4.621, 203.651



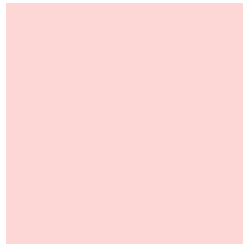
66, 37.326, 204.948



21, 17.020, 203.796

Previews

White Background



This preview shows how the CIELCh color 89, 13.809, 24.645 looks on a white background.

Color Contrast Check

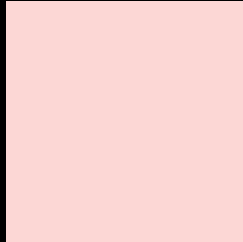
Large Text (above 18pt) WCAG AA × Fail

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, 13.809, 24.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

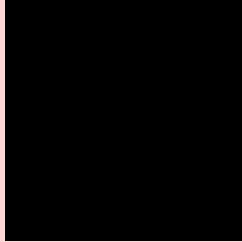
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

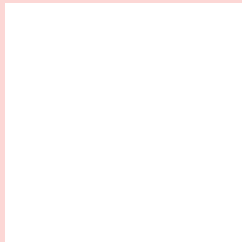
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 13.809, 24.645

Background



This preview shows how black text looks on a background with the CIELCh color 89, 13.809, 24.645.

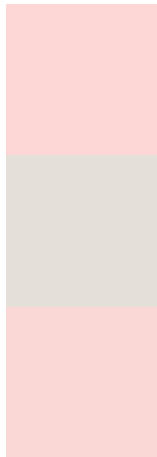


This preview shows how white text looks on a background with the CIELCh color 89, 13.809, 24.645.

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, 13.809, 24.645

Protanopia

89, 3.782, 74.676

Deuteranopia

89, 12.359, 27.434



Tritanopia
89, 17.022, 351.542

Trichromacy



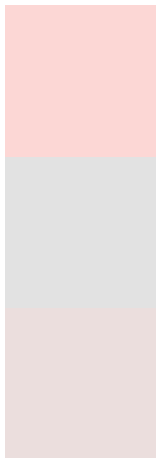
Original Color
89, 13.809, 24.645

Protanomaly
89, 6.558, 38.156

Deuteranomaly
89, 12.736, 27.246

Tritanomaly
89, 15.010, 2.443

Monochromacy



Original Color
89, 13.809, 24.645

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 4.741, 25.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 13.809, 24.645 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(252, 215, 213)` looks like.

```
.text, #text, p{  
    color:rgb(252, 215, 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(252, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 215, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 13.809, 24.645 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(252, 215, 213) }
```

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

```
.border{ border-color:rgb(252, 215, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 215, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 215, 213);  
box-shadow:4px 4px 4px 4px rgb(252, 215,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 13.809, 24.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 215, 213) }
```

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

```
.background{ background-color: rgb(252,  
215, 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](#).

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