

Converting Colors

CIELCh(89, 19.842, 65.930)

Have a look what the booklet for
CIELCh(89, 19.842, 65.930) contains.

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Color

CIELCh(89, 19.579, 65.351)

Conversions

Conversions Part 1

Format	Color
Hex	FCD9BE
RGB	252, 217, 190
RGB Percent	99%, 85%, 75%
CMY	0.0111, 0.1483, 0.2543
CMYK	0.00, 0.14, 0.25, 0.01
HSL	26°, 92%, 87%
HSV	26°, 25%, 99%
XYZ	74.3754, 74.1641, 59.2033
YIQ	224.3870, 29.5270, -0.9770

Conversions

Conversions Part 2

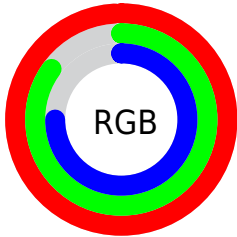
Format	Color
R _Y B	252, 238, 190
Decimal	16570814
CIE Lab	89.00, 8.17, 17.79
CIE LCh	89, 19.579, 65.351
Yxy	74.1641, 0.3580, 0.3570
Android (android.graphics.Color)	4294760894 (0xFFFC D9BE)
YUV	224.3870, -16.9528, 24.2166
Hunter-Lab	86.1186, 3.4521, 19.5234

Details

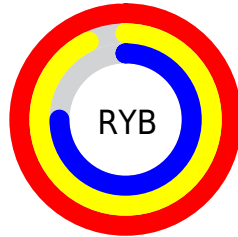
The CIELCh color $89, 19.579, 65.351$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88, 17.809, 251.618$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 4.553, 109.821$, and $69, 19.469, 64.348$ is the 20% darker color. If you saturate the color by 10%, you get $85, 28.376, 64.264$, and if you desaturate by 10%, it is $93, 11.280, 66.459$.

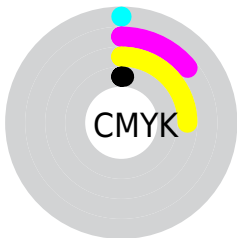
Distribution



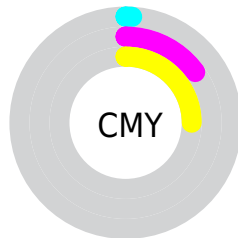
- Red (99%)
- Green (85%)
- Blue (75%)



- Red (99%)
- Yellow (93%)
- Blue (75%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (1%)



- Cyan (1%)
- Magenta (15%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 19.579, 65.351 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, 19.579, 65.351 by changing the saturation by 10% instead.

 89, 19.579, 65.351

 89, 19.579, 65.351

 100, 19.579,
65.351

 79, 19.579, 65.351

 69, 19.579, 65.351

 59, 19.579, 65.351

 49, 19.579, 65.351

 39, 19.579, 65.351

 29, 19.579, 65.351

 19, 19.579, 65.351

 9, 19.579, 65.351

 0, 19.579, 65.351

89, 19.579, 65.351

89, 19.579, 65.351

85, 28.376, 64.264

93, 11.280, 66.459

81, 37.684, 63.186

97, 3.445, 67.479

78, 47.465, 62.123

100, 0.982,
200.018

74, 57.583, 61.049

71, 67.700, 59.878

68, 77.093, 58.409

65, 84.511, 56.257

63, 87.589, 54.825

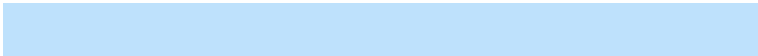
Harmonies

Complementary

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



89, 19.579, 65.351



88, 17.809, 251.618

Rectangle

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



89, 19.579, 65.351



89, 19.579, 115.351



89, 19.579, 245.351



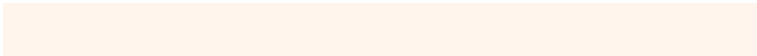
89, 19.579, 295.351

Sweetspot

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



89, 19.579, 65.360



97, 5.341, 67.260



83, 28.965, 342.295



51, 3.477, 67.200



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, 19.579, 65.360



88, 24.496, 64.764



97, 29.349, 104.815



50, 4.298, 67.006



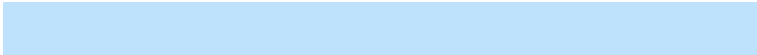
48, 70.074, 55.540



14, 26.019, 55.237

Inverse Universe

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



88, 17.809, 251.618



86, 21.757, 252.617



80, 30.864, 290.418



50, 4.161, 249.355



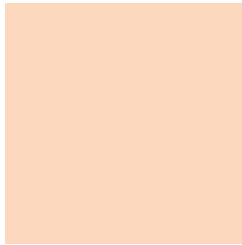
44, 50.580, 277.057



13, 20.475, 269.674

Previews

White Background



This preview shows how the CIELCh color 89, 19.579, 65.351 looks on a white background.

Color Contrast Check

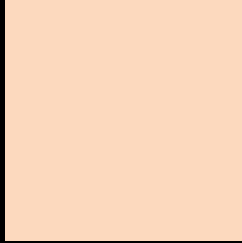
Large Text (above 18pt) WCAG AA × Fail

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, 19.579, 65.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

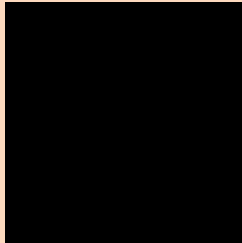
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 19.579, 65.351

Background



This preview shows how black text looks on a background with the CIELCh color 89, 19.579, 65.351.

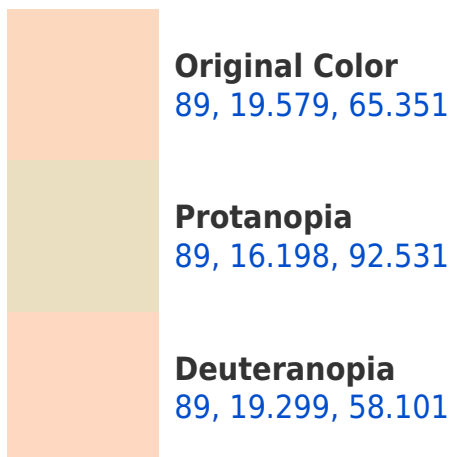


This preview shows how white text looks on a background with the CIELCh color 89, 19.579, 65.351.

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](#).

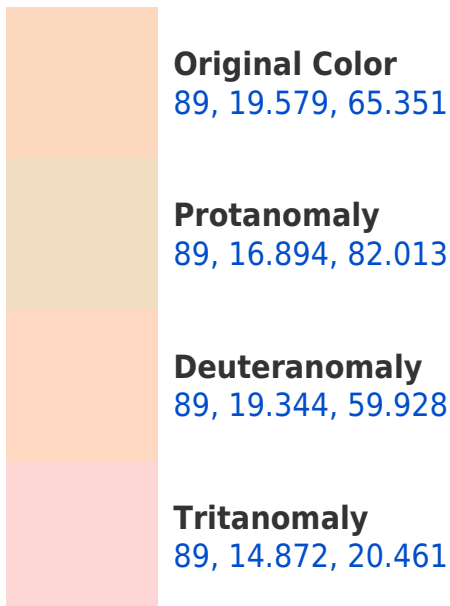
Dichromacy



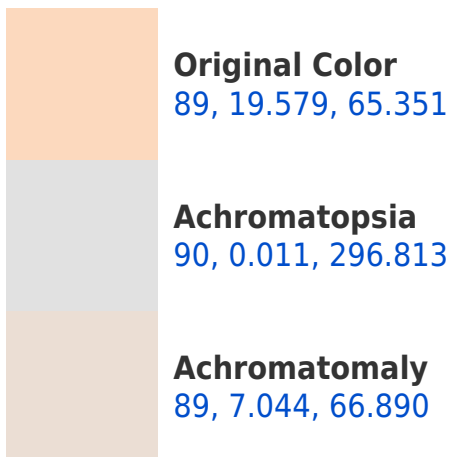


Tritanopia
89, 17.680, 352.784

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 19.579, 65.351 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, 217, 190)` looks like.

```
.text, #text, p{  
    color:rgb(252, 217, 190)  
}
```

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, 217, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 217, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 19.579, 65.351 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, 217, 190) }
```

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

```
.border{ border-color:rgb(252, 217, 190) }
```

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

Here you see how a box with a 4 pixel rgb(252, 217, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 217, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 217, 190);  
box-shadow:4px 4px 4px 4px rgb(252, 217,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 19.579, 65.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 217, 190) }
```

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

```
.background{ background-color: rgb(252,  
217, 190) }
```

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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