

Converting Colors

CIELCh(89, 17.062, 59.549)

Have a look what the booklet for
CIELCh(89, 17.062, 59.549) contains.

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Color

CIELCh(89, 17.044, 59.557)

Conversions

Conversions Part 1

Format	Color
Hex	FBD9C4
RGB	251, 217, 196
RGB Percent	98%, 85%, 77%
CMY	0.0154, 0.1488, 0.2311
CMYK	0.00, 0.14, 0.22, 0.02
HSL	23°, 87%, 88%
HSV	23°, 22%, 98%
XYZ	74.6034, 74.1641, 62.6415
YIQ	224.7720, 27.0050, 0.6770

Conversions

Conversions Part 2

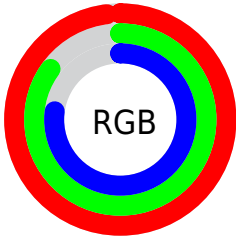
Format	Color
R _Y B	251, 230, 196
Decimal	16505284
CIE Lab	89.00, 8.64, 14.69
CIE LCh	89, 17.044, 59.557
Yxy	74.1641, 0.3529, 0.3508
Android (android.graphics.Color)	4294695364 (0xFFFB9C4)
YUV	224.7720, -14.1846, 23.0020
Hunter-Lab	86.1186, 3.9246, 17.1563

Details

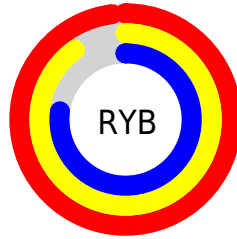
The CIELCh color **89, 17.044, 59.557** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 15.377, 244.406**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **69, 17.177, 59.466** is the 20% darker color. If you saturate the color by 10%, you get **85, 25.685, 58.670**, and if you desaturate by 10%, it is **93, 8.959, 60.484**.

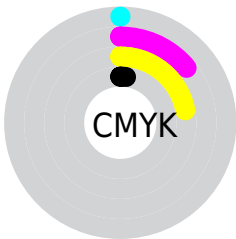
Distribution



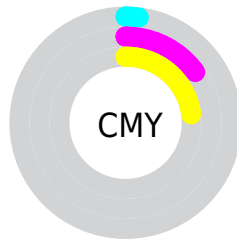
- Red (98%)
- Green (85%)
- Blue (77%)



- Red (98%)
- Yellow (90%)
- Blue (77%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 17.044, 59.557 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, 17.044, 59.557 by changing the saturation by 10% instead.

 89, 17.044, 59.557

 89, 17.044, 59.557

 100, 17.044,
59.557

 79, 17.044, 59.557

 69, 17.044, 59.557

 59, 17.044, 59.557

 49, 17.044, 59.557

 39, 17.044, 59.557

 29, 17.044, 59.557

 19, 17.044, 59.557

 9, 17.044, 59.557

 0, 17.044, 59.557

89, 17.044, 59.557

89, 17.044, 59.557

85, 25.685, 58.670

93, 8.959, 60.484

81, 34.914, 57.819

98, 1.385, 61.120

77, 44.724, 57.022

100, 1.368,
199.803

73, 55.030, 56.266

69, 65.587, 55.491

66, 75.821, 54.531

63, 84.587, 53.023

61, 89.910, 51.244

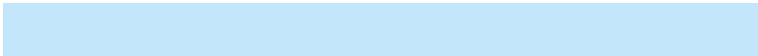
Harmonies

Complementary

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



89, 17.044, 59.557



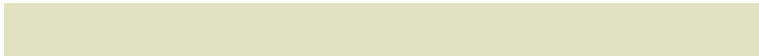
90, 15.377, 244.406

Rectangle

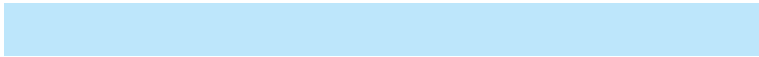
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 17.044, 59.557



89, 17.044, 109.557



89, 17.044, 239.557



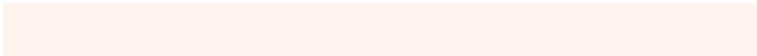
89, 17.044, 289.557

Sweetspot

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



89, 17.044, 59.567



97, 5.247, 60.912



85, 26.859, 338.790



51, 3.416, 60.862



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, 17.044, 59.567



88, 20.772, 59.194



96, 24.414, 101.721



50, 4.227, 60.700



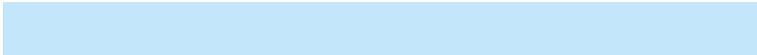
46, 72.116, 51.912



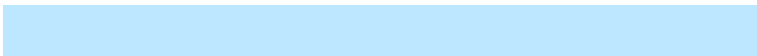
13, 26.410, 50.202

Inverse Universe

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



90, 15.377, 244.406



89, 18.336, 245.051



83, 25.293, 286.922



50, 4.059, 242.789



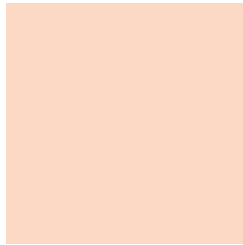
47, 45.365, 269.853



14, 18.726, 262.234

Previews

White Background



This preview shows how the CIELCh color 89, 17.044, 59.557 looks on a white background.

Color Contrast Check

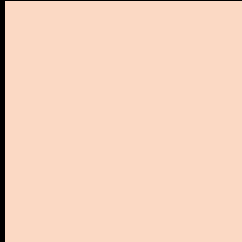
Large Text (above 18pt) WCAG AA × Fail

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, 17.044, 59.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

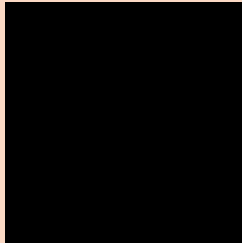
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 17.044, 59.557

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.044, 59.557.

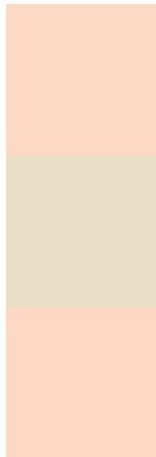


This preview shows how white text looks on a background with the CIELCh color 89, 17.044, 59.557.

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, 17.044, 59.557

Protanopia

89, 12.990, 92.320

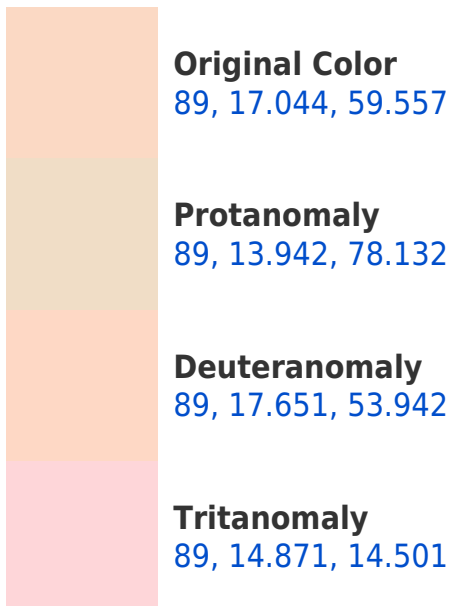
Deuteranopia

89, 17.979, 53.263



Tritanopia
89, 17.910, 351.298

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.044, 59.557 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(251, 217, 196)` looks like.

```
.text, #text, p{  
    color:rgb(251, 217, 196)  
}
```

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(251, 217, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 217, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.044, 59.557 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(251, 217, 196) }
```

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

```
.border{ border-color:rgb(251, 217, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 217, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 217, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 217, 196);  
box-shadow:4px 4px 4px 4px rgb(251, 217,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.044, 59.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 217, 196) }
```

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

```
.background{ background-color: rgb(251,  
217, 196) }
```

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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