

Converting Colors

CIELCh(89, 18.852, 46.513)

Have a look what the booklet for
CIELCh(89, 18.852, 46.513) contains.

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Color

CIELCh(89, 17.818, 47.958)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7C7
RGB	255, 215, 199
RGB Percent	100%, 84%, 78%
CMY	0.0000, 0.1569, 0.2198
CMYK	0.00, 0.16, 0.22, 0.00
HSL	17°, 100%, 89%
HSV	17°, 22%, 100%
XYZ	76.2145, 74.1641, 64.3073
YIQ	225.1360, 28.9760, 3.5040

Conversions

Conversions Part 2

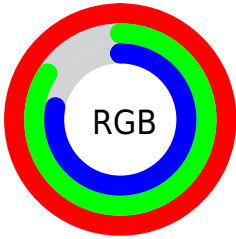
Format	Color
R _Y B	255, 221, 199
Decimal	16766919
CIE Lab	89.00, 11.93, 13.23
CIE LCh	89, 17.818, 47.958
Yxy	74.1641, 0.3550, 0.3455
Android (android.graphics.Color)	4294956999 (0xFFFFD7C7)
YUV	225.1360, -12.8850, 26.1907
Hunter-Lab	86.1186, 7.2639, 16.0094

Details

The CIELCh color **89, 17.818, 47.958** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 15.295, 231.669**, 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, 17.645, 48.049** is the 20% darker color. If you saturate the color by 10%, you get **84, 26.448, 48.145**, and if you desaturate by 10%, it is **94, 9.150, 49.041**.

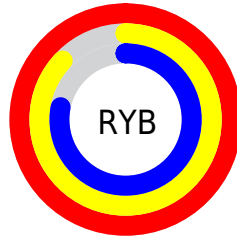
Distribution



Red (100%)

Green (84%)

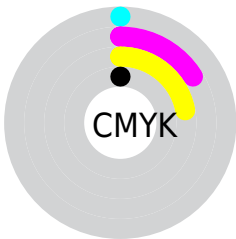
Blue (78%)



Red (100%)

Yellow (87%)

Blue (78%)

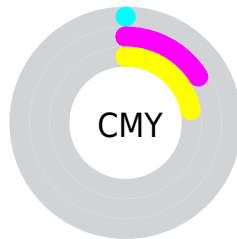


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 17.818, 47.958 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, 17.818, 47.958 by changing the saturation by 10% instead.

 89, 17.818, 47.958

 89, 17.818, 47.958

 100, 17.818,
47.958

 79, 17.818, 47.958

 69, 17.818, 47.958

 59, 17.818, 47.958

 49, 17.818, 47.958

 39, 17.818, 47.958

 29, 17.818, 47.958

 19, 17.818, 47.958

 9, 17.818, 47.958

 0, 17.818, 47.958

89, 17.818, 47.958

89, 17.818, 47.958

84, 26.448, 48.145

94, 9.150, 49.041

79, 36.139, 47.841

99, 1.450, 49.267

75, 46.539, 47.670

100, 0.012,
296.813

71, 57.568, 47.634

67, 68.991, 47.687

63, 80.233, 47.661

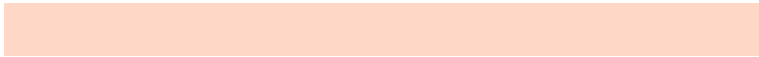
60, 90.045, 47.140

58, 95.957, 46.141

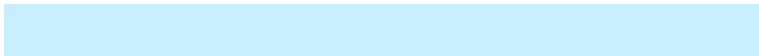
Harmonies

Complementary

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



89, 17.818, 47.958



92, 15.295, 231.669

Rectangle

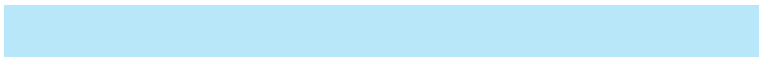
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 17.818, 47.958



89, 17.818, 97.958



89, 17.818, 227.958



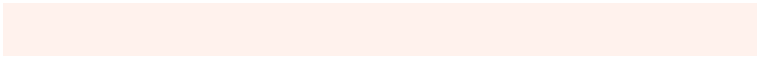
89, 17.818, 277.958

Sweetspot

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



89, 17.464, 48.558



96, 5.246, 49.274



86, 28.904, 335.151



51, 3.417, 49.249



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, 17.464, 48.558



87, 20.996, 48.380



96, 22.831, 96.776



50, 4.303, 49.162



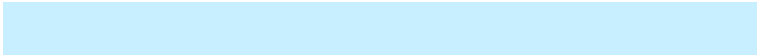
44, 76.793, 46.689



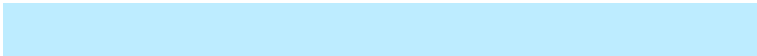
13, 28.745, 42.770

Inverse Universe

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



92, 15.295, 231.669



91, 17.890, 232.121



85, 23.329, 282.368



51, 4.080, 230.562



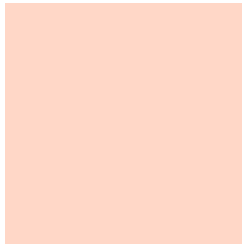
54, 38.640, 253.566



17, 16.993, 246.682

Previews

White Background



This preview shows how the CIELCh color 89, 17.818, 47.958 looks on a white background.

Color Contrast Check

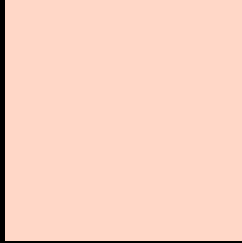
Large Text (above 18pt) WCAG AA × Fail

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, 17.818, 47.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

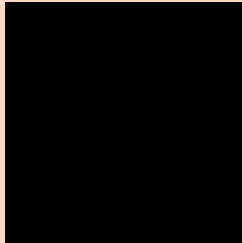
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 17.818, 47.958

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.818, 47.958.



This preview shows how white text looks on a background with the CIELCh color 89, 17.818, 47.958.

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, 17.452, 48.540

Protanopia

89, 10.890, 91.349

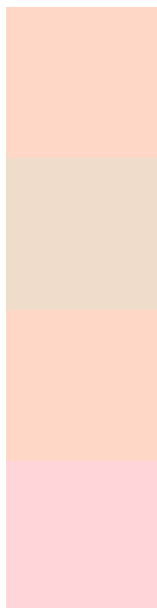
Deuteranopia

89, 17.108, 49.143



Tritanopia
89, 17.464, 354.310

Trichromacy



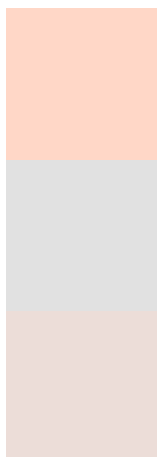
Original Color
89, 17.452, 48.540

Protanomaly
89, 12.002, 70.589

Deuteranomaly
89, 17.108, 49.143

Tritanomaly
89, 15.671, 12.977

Monochromacy



Original Color
89, 17.452, 48.540

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 6.062, 44.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.818, 47.958 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(255, 215, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 199)  
}
```

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(255, 215, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.818, 47.958 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(255, 215, 199) }
```

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

```
.border{ border-color:rgb(255, 215, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.818, 47.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 199) }
```

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

```
.background{ background-color: rgb(255,  
215, 199) }
```

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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