

Converting Colors

CIELCh(90, 21.980, 42.859)

Have a look what the booklet for
CIELCh(90, 21.980, 42.859) contains.

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Color

CIELCh(89, 17.452, 48.540)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7C7
RGB	255, 215, 199
RGB Percent	100%, 84%, 78%
CMY	0.0000, 0.1559, 0.2187
CMYK	0.00, 0.16, 0.22, 0.00
HSL	17°, 100%, 89%
HSV	17°, 22%, 100%
XYZ	76.0289, 74.1641, 64.4843
YIQ	225.1360, 28.9760, 3.5040

Conversions

Conversions Part 2

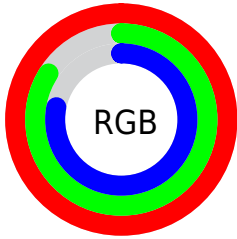
Format	Color
R _Y B	255, 221, 199
Decimal	16766919
CIE Lab	89.00, 11.55, 13.08
CIE LCh	89, 17.452, 48.540
Yxy	74.1641, 0.3542, 0.3455
Android (android.graphics.Color)	4294956999 (0xFFFFD7C7)
YUV	225.1360, -12.8850, 26.1907
Hunter-Lab	86.1186, 6.8792, 15.8876

Details

The CIELCh color **89, 17.452, 48.540** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 15.224, 231.818**, 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, 26.337, 48.277**, and if you desaturate by 10%, it is **94, 9.062, 49.188**.

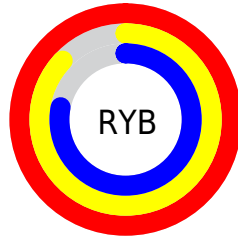
Distribution



Red (100%)

Green (84%)

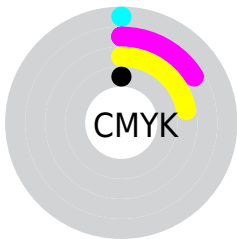
Blue (78%)



Red (100%)

Yellow (87%)

Blue (78%)

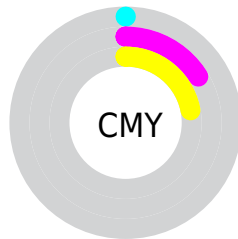


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 17.452, 48.540 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, 17.452, 48.540 by changing the saturation by 10% instead.

 89, 17.452, 48.540

 89, 17.452, 48.540

 100, 17.452,
48.540

 79, 17.452, 48.540

 69, 17.452, 48.540

 59, 17.452, 48.540

 49, 17.452, 48.540

 39, 17.452, 48.540

 29, 17.452, 48.540

 19, 17.452, 48.540

 9, 17.452, 48.540

 0, 17.452, 48.540

89, 17.452, 48.540

89, 17.452, 48.540

84, 26.337, 48.277

94, 9.062, 49.188

79, 36.015, 47.964

99, 1.369, 49.396

75, 46.401, 47.783

100, 0.012,
296.813

71, 57.417, 47.736

67, 68.830, 47.777

63, 80.070, 47.741

60, 89.898, 47.214

58, 95.898, 46.193

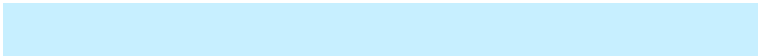
Harmonies

Complementary

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



89, 17.452, 48.540



92, 15.224, 231.818

Rectangle

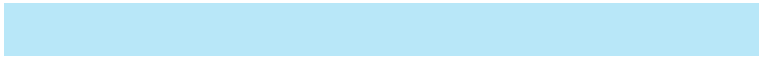
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 17.452, 48.540



89, 17.452, 98.540



89, 17.452, 228.540



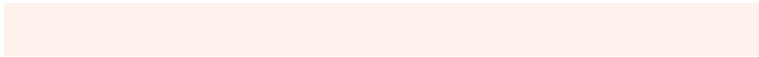
89, 17.452, 278.540

Sweetspot

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



89, 17.365, 48.698



96, 5.245, 49.418



86, 28.762, 335.143



51, 3.416, 49.392



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, 17.365, 48.698



87, 20.989, 48.513



96, 22.718, 96.789



50, 4.301, 49.304



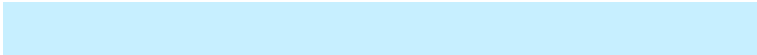
44, 76.745, 46.743



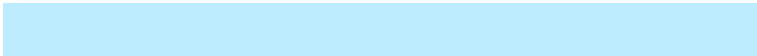
13, 28.729, 42.858

Inverse Universe

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



92, 15.224, 231.818



91, 17.890, 232.284



85, 23.211, 282.351



51, 4.080, 230.714



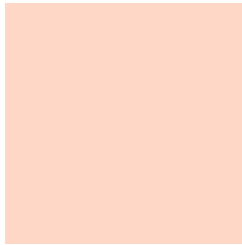
53, 38.708, 253.797



17, 17.013, 246.899

Previews

White Background



This preview shows how the CIELCh color 89, 17.452, 48.540 looks on a white background.

Color Contrast Check

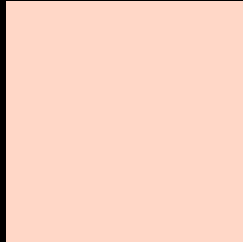
Large Text (above 18pt) WCAG AA × Fail

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, 17.452, 48.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

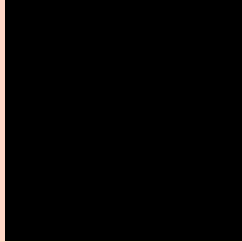
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

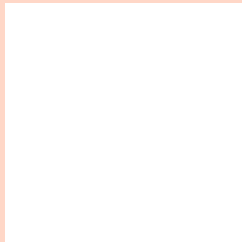
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 17.452, 48.540

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.452, 48.540.

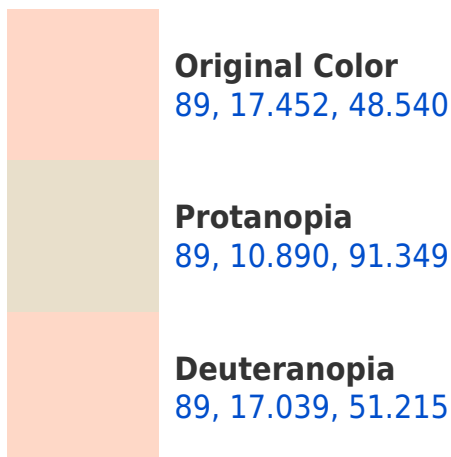


This preview shows how white text looks on a background with the CIELCh color 89, 17.452, 48.540.

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](#).

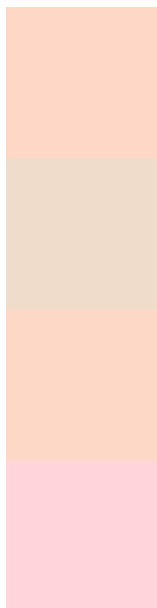
Dichromacy





Tritanopia
89, 17.464, 354.310

Trichromacy



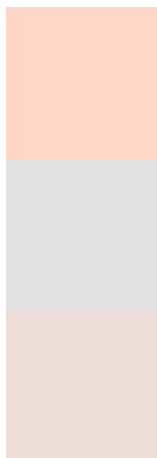
Original Color
89, 17.452, 48.540

Protanomaly
89, 12.002, 70.589

Deuteranomaly
89, 17.039, 51.215

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, 17.452, 48.540 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, 17.452, 48.540 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, 17.452, 48.540 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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