

Converting Colors

CIELCh(89, 18.034, 50.121)

Have a look what the booklet for
CIELCh(89, 18.034, 50.121) contains.

CIELCh(89, 17.734, 49.941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(89, 17.734, 49.941)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7C6
RGB	255, 215, 198
RGB Percent	100%, 84%, 78%
CMY	0.0000, 0.1557, 0.2224
CMYK	0.00, 0.16, 0.22, 0.00
HSL	18°, 100%, 89%
HSV	18°, 22%, 100%
XYZ	75.9592, 74.1641, 63.9165
YIQ	225.0220, 29.2970, 3.1930

Conversions

Conversions Part 2

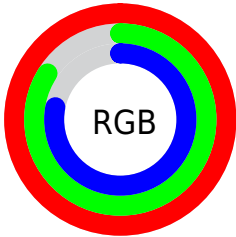
Format	Color
R _Y B	255, 222, 198
Decimal	16766918
CIE Lab	89.00, 11.41, 13.57
CIE LCh	89, 17.734, 49.941
Yxy	74.1641, 0.3549, 0.3465
Android (android.graphics.Color)	4294956998 (0xFFFFD7C6)
YUV	225.0220, -13.3218, 26.2907
Hunter-Lab	86.1186, 6.7349, 16.2785

Details

The CIELCh color **89, 17.734, 49.941** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 15.466, 233.590**, 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, 17.945, 49.497** is the 20% darker color. If you saturate the color by 10%, you get **84, 26.579, 49.654**, and if you desaturate by 10%, it is **94, 9.332, 50.697**.

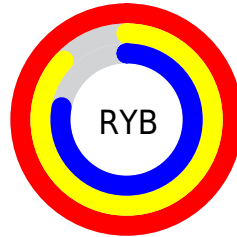
Distribution



Red (100%)

Green (84%)

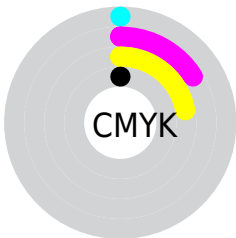
Blue (78%)



Red (100%)

Yellow (87%)

Blue (78%)

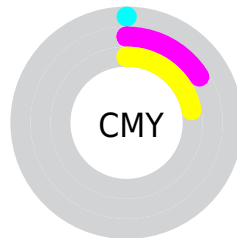


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 17.734, 49.941 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, 17.734, 49.941 by changing the saturation by 10% instead.

 89, 17.734, 49.941

 89, 17.734, 49.941

 100, 17.734,
49.941

 79, 17.734, 49.941

 69, 17.734, 49.941

 59, 17.734, 49.941

 49, 17.734, 49.941

 39, 17.734, 49.941

 29, 17.734, 49.941

 19, 17.734, 49.941

 9, 17.734, 49.941

 0, 17.734, 49.941

89, 17.734, 49.941

89, 17.734, 49.941

84, 26.579, 49.654

94, 9.332, 50.697

80, 36.226, 49.264

99, 1.639, 51.037

75, 46.567, 48.996

100, 0.012,
296.813

71, 57.523, 48.847

67, 68.851, 48.766

64, 79.964, 48.581

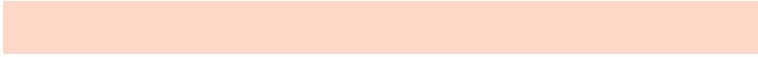
60, 89.604, 47.874

59, 95.246, 46.777

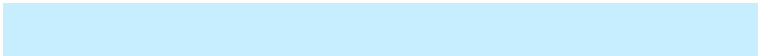
Harmonies

Complementary

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



89, 17.734, 49.941



92, 15.466, 233.590

Rectangle

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



89, 17.734, 49.941



89, 17.734, 99.941



89, 17.734, 229.941



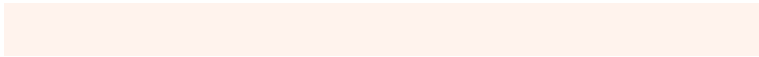
89, 17.734, 279.941

Sweetspot

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



89, 17.627, 50.143



96, 5.233, 50.977



86, 29.249, 335.171



51, 3.408, 50.948



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, 17.627, 50.143



87, 21.806, 49.899



96, 23.104, 96.744



51, 4.291, 50.848



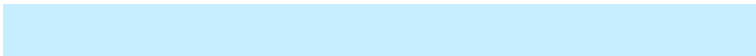
44, 76.222, 47.345



13, 28.557, 43.819

Inverse Universe

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



92, 15.466, 233.590



90, 18.535, 234.172



85, 23.615, 282.410



51, 4.075, 232.365



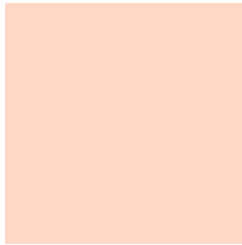
53, 39.484, 256.246



17, 17.248, 249.221

Previews

White Background



This preview shows how the CIELCh color 89, 17.734, 49.941 looks on a white background.

Color Contrast Check

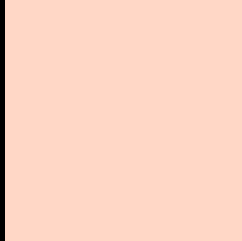
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 89, 17.734, 49.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

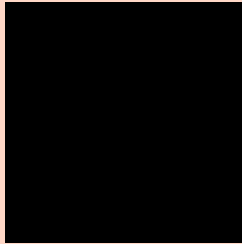
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 17.734, 49.941

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.734, 49.941.

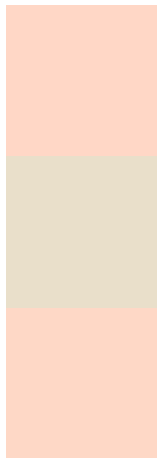


This preview shows how white text looks on a background with the CIELCh color 89, 17.734, 49.941.

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, 17.734, 49.941

Protanopia

89, 11.503, 90.292

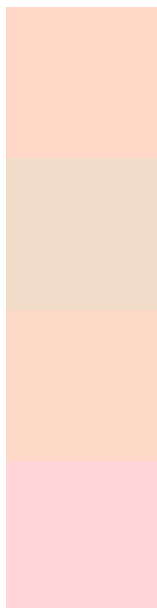
Deuteranopia

89, 17.340, 52.604



Tritanopia
89, 17.464, 354.310

Trichromacy



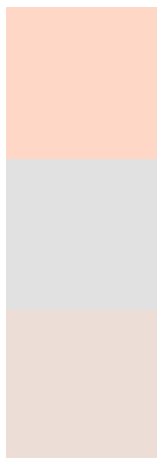
Original Color
89, 17.734, 49.941

Protanomaly
89, 12.658, 70.642

Deuteranomaly
89, 17.340, 52.604

Tritanomaly
89, 15.671, 12.977

Monochromacy



Original Color
89, 17.734, 49.941

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 6.309, 49.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.734, 49.941 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.734, 49.941 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, 198) }
```

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

```
.border{ border-color:rgb(255, 215, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.734, 49.941 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
215, 198) }
```

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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