

Converting Colors

CIELCh(90, 18.004, 19.498)

Have a look what the booklet for
CIELCh(90, 18.004, 19.498) contains.

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Color

CIELCh(89, 14.839, 18.470)

Conversions

Conversions Part 1

Format	Color
Hex	FED6D7
RGB	254, 214, 215
RGB Percent	100%, 84%, 84%
CMY	0.0035, 0.1602, 0.1563
CMYK	0.00, 0.16, 0.15, 0.00
HSL	359°, 96%, 92%
HSV	359°, 16%, 100%
XYZ	77.2738, 74.1641, 74.6232
YIQ	226.0740, 23.5190, 8.7910

Conversions

Conversions Part 2

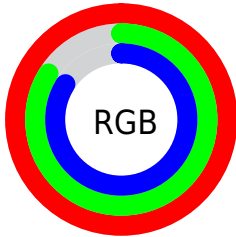
Format	Color
RYB	254, 214, 215
Decimal	16701143
CIELab	89.00, 14.07, 4.70
CIELCh	89, 14.839, 18.470
Yxy	74.1641, 0.3418, 0.3281
Android (android.graphics.Color)	4294891223 (0xFF FED6D7)
YUV	226.0740, -5.4595, 24.4911
Hunter-Lab	86.1186, 9.4597, 8.9073

Details

The CIELCh color **89, 14.839, 18.470** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 13.454, 196.422**, 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, 14.984, 18.686** is the 20% darker color. If you saturate the color by 10%, you get **82, 25.196, 19.523**, and if you desaturate by 10%, it is **96, 5.201, 17.592**.

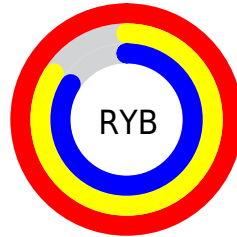
Distribution



Red (100%)

Green (84%)

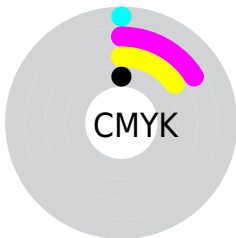
Blue (84%)



Red (100%)

Yellow (84%)

Blue (84%)

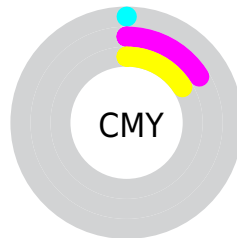


Cyan (0%)

Magenta (16%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 14.839, 18.470 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, 14.839, 18.470 by changing the saturation by 10% instead.

 89, 14.839, 18.470

 89, 14.839, 18.470

 100, 14.839,
18.470

 79, 14.839, 18.470

 69, 14.839, 18.470

 59, 14.839, 18.470

 49, 14.839, 18.470

 39, 14.839, 18.470

 29, 14.839, 18.470

 19, 14.839, 18.470

 9, 14.839, 18.470

 0, 14.839, 18.470

89, 14.839, 18.470

89, 14.839, 18.470

82, 25.196, 19.523

96, 5.201, 17.592

76, 36.238, 20.854

100, 0.311,
201.514

70, 47.839, 22.578

65, 59.764, 24.813

60, 71.661, 27.667

57, 83.082, 31.160

55, 93.377, 35.027

53, 101.162,
38.407

53, 103.321,
39.315

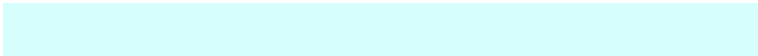
Harmonies

Complementary

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



89, 14.839, 18.470



97, 13.454, 196.422

Rectangle

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



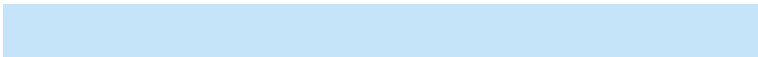
89, 14.839, 18.470



89, 14.839, 68.470



89, 14.839, 198.470



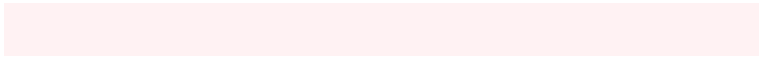
89, 14.839, 248.470

Sweetspot

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



89, 14.837, 18.479



97, 4.541, 17.522



90, 24.804, 324.374



51, 3.106, 17.590



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

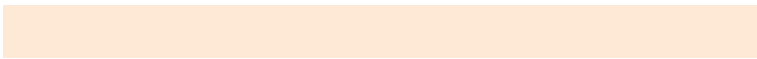
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 14.837, 18.479



87, 18.200, 18.795



93, 12.441, 69.823



49, 5.253, 17.926



40, 83.122, 39.029



10, 33.161, 26.181

Inverse Universe

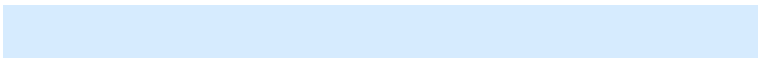
The Inverse Universe completely reimagines the original color for something new.



89, 14.837, 18.479



87, 18.200, 18.795



92, 11.842, 253.880



49, 5.253, 17.926



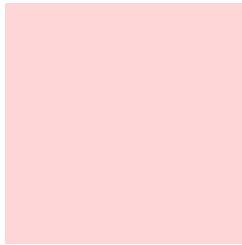
40, 83.122, 39.029



10, 33.161, 26.181

Previews

White Background



This preview shows how the CIELCh color 89, 14.839, 18.470 looks on a white background.

Color Contrast Check

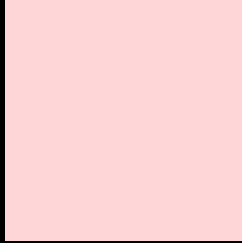
Large Text (above 18pt) WCAG AA × Fail

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, 14.839, 18.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

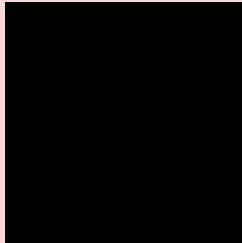
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 14.839, 18.470

Background



This preview shows how black text looks on a background with the CIELCh color 89, 14.839, 18.470.

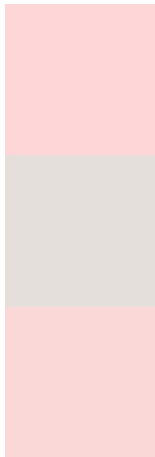


This preview shows how white text looks on a background with the CIELCh color 89, 14.839, 18.470.

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, 14.853, 18.475

Protanopia

89, 2.655, 55.182

Deuteranopia

89, 12.226, 22.663



Tritanopia
89, 17.680, 352.784

Trichromacy



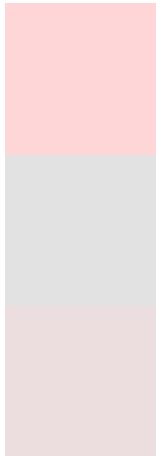
Original Color
89, 14.853, 18.475

Protanomaly
89, 6.656, 28.729

Deuteranomaly
89, 13.340, 20.339

Tritanomaly
89, 16.224, 2.027

Monochromacy



Original Color
89, 14.853, 18.475

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.075, 19.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 14.839, 18.470 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(254, 214, 215)` looks like.

```
.text, #text, p{  
    color:rgb(254, 214, 215)  
}
```

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(254, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 214, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 14.839, 18.470 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(254, 214, 215) }
```

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

```
.border{ border-color:rgb(254, 214, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 214, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 214,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 14.839, 18.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 214, 215) }
```

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

```
.background{ background-color: rgb(254,  
214, 215) }
```

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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