

Converting Colors

CIELCh(97, 45.706, 34.321)

Have a look what the booklet for
CIELCh(97, 45.706, 34.321) contains.

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Color

CIELCh(89, 17.632, 53.948)

Conversions

Conversions Part 1

Format	Color
Hex	FED8C5
RGB	254, 216, 197
RGB Percent	100%, 85%, 77%
CMY	0.0043, 0.1531, 0.2276
CMYK	0.00, 0.15, 0.22, 0.00
HSL	20°, 96%, 88%
HSV	20°, 22%, 100%
XYZ	75.4514, 74.1641, 63.1388
YIQ	225.1960, 28.7470, 2.1470

Conversions

Conversions Part 2

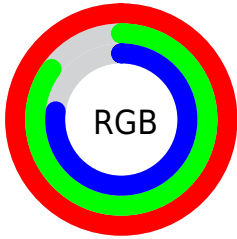
Format	Color
RYB	254, 226, 197
Decimal	16701637
CIELab	89.00, 10.38, 14.26
CIElCh	89, 17.632, 53.948
Yxy	74.1641, 0.3546, 0.3486
Android (android.graphics.Color)	4294891717 (0xFF FED8C5)
YUV	225.1960, -13.9006, 25.2611
Hunter-Lab	86.1186, 5.6823, 16.8139

Details

The CIELCh color **89, 17.632, 53.948** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 15.604, 238.102**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **69, 17.843, 53.630** is the 20% darker color. If you saturate the color by 10%, you get **84, 26.468, 53.292**, and if you desaturate by 10%, it is **94, 9.416, 54.671**.

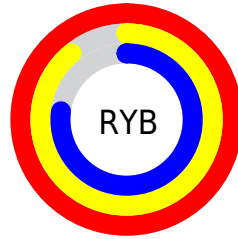
Distribution



Red (100%)

Green (85%)

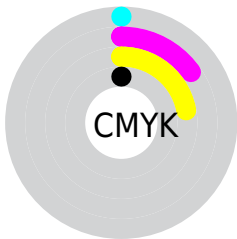
Blue (77%)



Red (100%)

Yellow (89%)

Blue (77%)

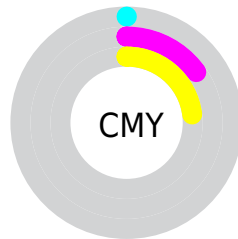


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 17.632, 53.948 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, 17.632, 53.948 by changing the saturation by 10% instead.

 89, 17.632, 53.948

 89, 17.632, 53.948

 100, 17.632,
53.948

 79, 17.632, 53.948

 69, 17.632, 53.948

 59, 17.632, 53.948

 49, 17.632, 53.948

 39, 17.632, 53.948

 29, 17.632, 53.948

 19, 17.632, 53.948

 9, 17.632, 53.948

 0, 17.632, 53.948

89, 17.632, 53.948

89, 17.632, 53.948

84, 26.468, 53.292

94, 9.416, 54.671

80, 35.961, 52.703

98, 1.770, 55.191

76, 46.108, 52.206

100, 0.382,
201.116

72, 56.826, 51.795

68, 67.866, 51.409

64, 78.634, 50.874

61, 87.894, 49.786

59, 93.205, 48.444

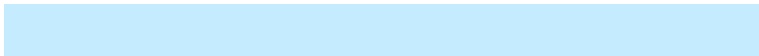
Harmonies

Complementary

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



89, 17.632, 53.948



91, 15.604, 238.102

Rectangle

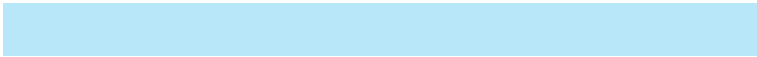
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 17.632, 53.948



89, 17.632, 103.948



89, 17.632, 233.948



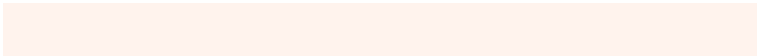
89, 17.632, 283.948

Sweetspot

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



89, 17.631, 53.958



97, 5.219, 55.043



85, 28.393, 337.322



51, 3.399, 55.005



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, 17.631, 53.958



87, 21.671, 53.645



96, 24.398, 99.787



51, 4.278, 54.877



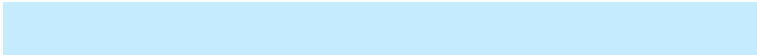
45, 74.846, 49.049



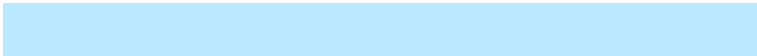
13, 28.136, 46.448

Inverse Universe

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



91, 15.604, 238.102



90, 18.644, 238.740



84, 25.167, 285.277



51, 4.080, 236.653



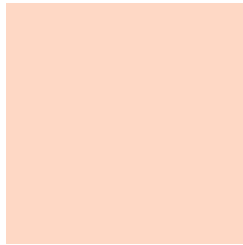
51, 41.803, 262.229



16, 17.978, 255.003

Previews

White Background



This preview shows how the CIE LCh color 89, 17.632, 53.948 looks on a white background.

Color Contrast Check

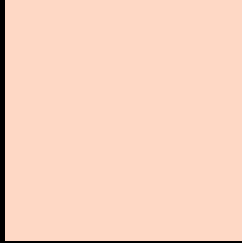
Large Text (above 18pt) WCAG AA × Fail

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, 17.632, 53.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

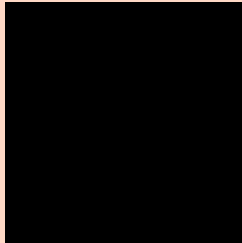
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 17.632, 53.948

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.632, 53.948.

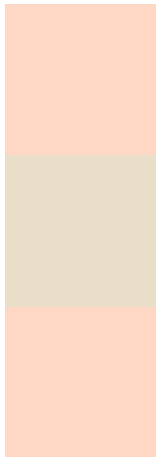


This preview shows how white text looks on a background with the CIELCh color 89, 17.632, 53.948.

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, 17.651, 53.942

Protanopia

89, 11.997, 91.027

Deuteranopia

89, 17.979, 53.263



Tritanopia
89, 17.680, 352.784

Trichromacy



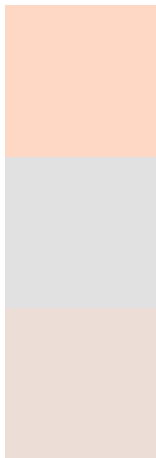
Original Color
89, 17.651, 53.942

Protanomaly
89, 13.076, 71.983

Deuteranomaly
89, 17.979, 53.263

Tritanomaly
89, 15.671, 12.977

Monochromacy



Original Color
89, 17.651, 53.942

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 6.274, 54.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.632, 53.948 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, 216, 197)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 197)  
}
```

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, 216, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.632, 53.948 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, 216, 197) }
```

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

```
.border{ border-color:rgb(254, 216, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 216, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 216, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 216, 197); box-shadow:4px 4px 4px 4px rgb(254, 216, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.632, 53.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 197) }
```

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

```
.background{ background-color: rgb(254,  
216, 197) }
```

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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