

Converting Colors

CIELCh(89, 16.334, 44.931)

Have a look what the booklet for
CIELCh(89, 16.334, 44.931) contains.

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Color

CIELCh(89, 16.321, 44.591)

Conversions

Conversions Part 1

Format	Color
Hex	FED7CA
RGB	254, 215, 202
RGB Percent	100%, 84%, 79%
CMY	0.0027, 0.1556, 0.2067
CMYK	0.00, 0.15, 0.20, 0.00
HSL	15°, 97%, 90%
HSV	15°, 20%, 100%
XYZ	76.0622, 74.1641, 66.3692
YIQ	225.1790, 27.4170, 4.2250

Conversions

Conversions Part 2

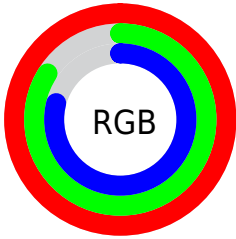
Format	Color
RYB	254, 219, 202
Decimal	16701386
CIELab	89.00, 11.62, 11.46
CIElCh	89, 16.321, 44.591
Yxy	74.1641, 0.3512, 0.3424
Android (android.graphics.Color)	4294891466 (0xFF FED7CA)
YUV	225.1790, -11.4272, 25.2760
Hunter-Lab	86.1186, 6.9484, 14.5898

Details

The CIELCh color **89, 16.321, 44.591** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 14.335, 226.766**, 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, 16.438, 43.933** is the 20% darker color. If you saturate the color by 10%, you get **84, 25.322, 44.377**, and if you desaturate by 10%, it is **94, 8.009, 44.906**.

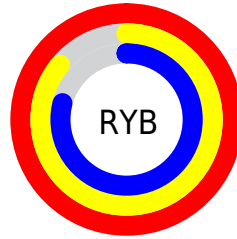
Distribution



Red (100%)

Green (84%)

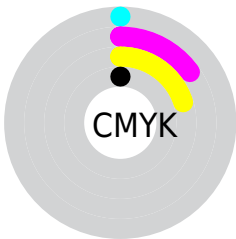
Blue (79%)



Red (100%)

Yellow (86%)

Blue (79%)

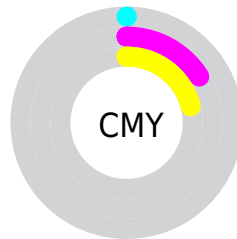


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 16.321, 44.591 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, 16.321, 44.591 by changing the saturation by 10% instead.

 89, 16.321, 44.591

 89, 16.321, 44.591

 100, 16.321,
44.591

 79, 16.321, 44.591

 69, 16.321, 44.591

 59, 16.321, 44.591

 49, 16.321, 44.591

 39, 16.321, 44.591

 29, 16.321, 44.591

 19, 16.321, 44.591

 9, 16.321, 44.591

 0, 16.321, 44.591

89, 16.321, 44.591

89, 16.321, 44.591

84, 25.322, 44.377

94, 8.009, 44.906

79, 35.055, 44.283

100, 0.330, 43.497

74, 45.524, 44.350

100, 0.237,
202.182

70, 56.660, 44.594

66, 68.256, 44.987

62, 79.803, 45.391

59, 90.156, 45.420

57, 97.488, 44.693

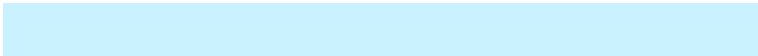
Harmonies

Complementary

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



89, 16.321, 44.591



93, 14.335, 226.766

Rectangle

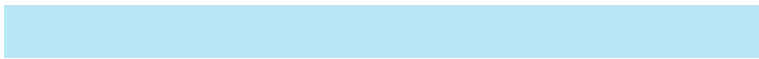
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 16.321, 44.591



89, 16.321, 94.591



89, 16.321, 224.591



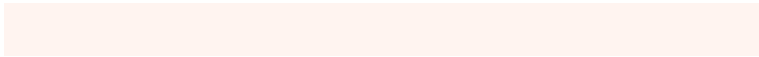
89, 16.321, 274.591

Sweetspot

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



89, 16.320, 44.601



97, 4.525, 45.026



87, 27.464, 333.704



51, 3.010, 45.013



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

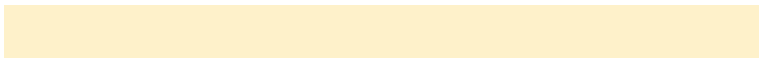
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 16.320, 44.601



87, 20.369, 44.486



95, 20.504, 94.743



50, 4.349, 44.935



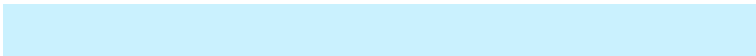
43, 78.196, 45.183



12, 29.248, 40.271

Inverse Universe

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



93, 14.335, 226.766



92, 17.320, 227.167



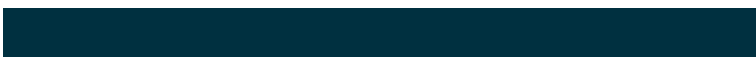
86, 20.789, 280.043



51, 4.111, 226.024



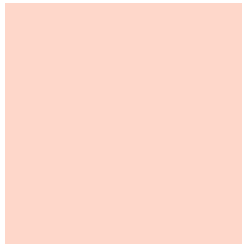
56, 36.878, 246.389



18, 16.491, 240.021

Previews

White Background



This preview shows how the CIELCh color 89, 16.321, 44.591 looks on a white background.

Color Contrast Check

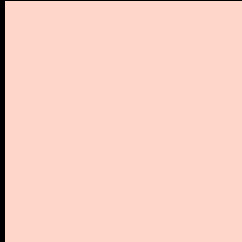
Large Text (above 18pt) WCAG AA × Fail

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, 16.321, 44.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

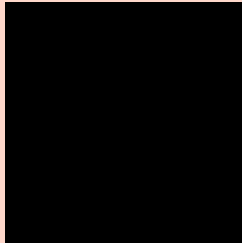
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

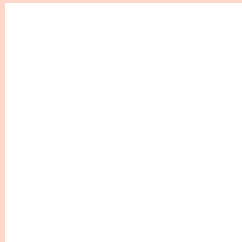
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 16.321, 44.591

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.321, 44.591.

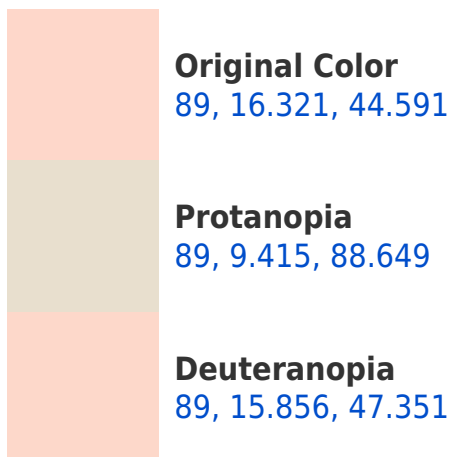


This preview shows how white text looks on a background with the CIELCh color 89, 16.321, 44.591.

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, 17.680, 352.784

Trichromacy



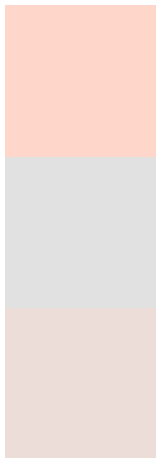
Original Color
89, 16.321, 44.591

Protanomaly
89, 10.802, 65.666

Deuteranomaly
89, 15.856, 47.351

Tritanomaly
89, 15.787, 9.245

Monochromacy



Original Color
89, 16.321, 44.591

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 5.852, 40.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.321, 44.591 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, 215, 202)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 202)  
}
```

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, 215, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.321, 44.591 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, 215, 202) }
```

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

```
.border{ border-color:rgb(254, 215, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 215, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 202);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.321, 44.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 215, 202) }
```

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

```
.background{ background-color: rgb(254,  
215, 202) }
```

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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