

Converting Colors

CIELCh(93, 29.925, 29.146)

Have a look what the booklet for
CIELCh(93, 29.925, 29.146) contains.

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Color

CIELCh(89, 15.266, 36.041)

Conversions

Conversions Part 1

Format	Color
Hex	FED7CF
RGB	254, 215, 207
RGB Percent	100%, 84%, 81%
CMY	0.0041, 0.1569, 0.1882
CMYK	0.00, 0.15, 0.18, 0.00
HSL	10°, 96%, 90%
HSV	10°, 18%, 100%
XYZ	76.4173, 74.1641, 69.3191
YIQ	225.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

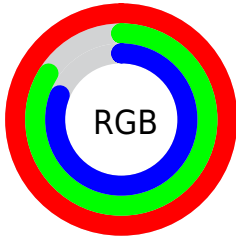
Format	Color
RYB	254, 217, 207
Decimal	16701391
CIELab	89.00, 12.34, 8.98
CIELCh	89, 15.266, 36.041
Yxy	74.1641, 0.3475, 0.3373
Android (android.graphics.Color)	4294891471 (0xFF FED7CF)
YUV	225.7490, -9.2433, 24.7761
Hunter-Lab	86.1186, 7.6844, 12.5589

Details

The CIELCh color **89, 15.266, 36.041** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 13.476, 216.520**, 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, 15.347, 34.983** is the 20% darker color. If you saturate the color by 10%, you get **83, 24.540, 36.259**, and if you desaturate by 10%, it is **95, 6.720, 35.950**.

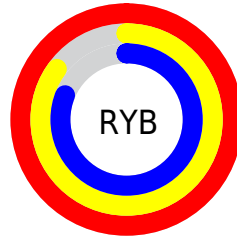
Distribution



Red (100%)

Green (84%)

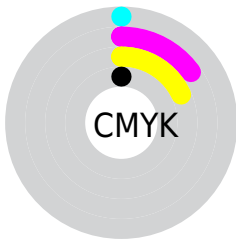
Blue (81%)



Red (100%)

Yellow (85%)

Blue (81%)

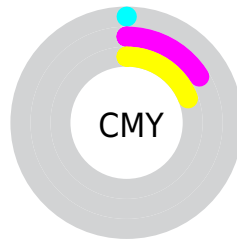


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 15.266, 36.041 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, 15.266, 36.041 by changing the saturation by 10% instead.

 89, 15.266, 36.041

 89, 15.266, 36.041

 100, 15.266,
36.041

 79, 15.266, 36.041

 69, 15.266, 36.041

 59, 15.266, 36.041

 49, 15.266, 36.041

 39, 15.266, 36.041

 29, 15.266, 36.041

 19, 15.266, 36.041

 9, 15.266, 36.041

 0, 15.266, 36.041

89, 15.266, 36.041

89, 15.266, 36.041

83, 24.540, 36.259

95, 6.720, 35.950

78, 34.579, 36.646

100, 0.363,
201.209

73, 45.373, 37.264

68, 56.842, 38.154

64, 68.778, 39.322

60, 80.723, 40.675

57, 91.652, 41.861

55, 99.658, 42.187

55, 100.684,
42.252

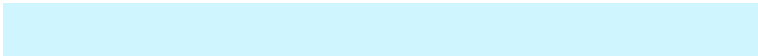
Harmonies

Complementary

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



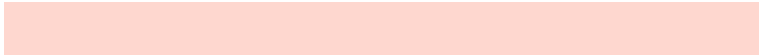
89, 15.266, 36.041



94, 13.476, 216.520

Rectangle

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



89, 15.266, 36.041



89, 15.266, 86.041



89, 15.266, 216.041



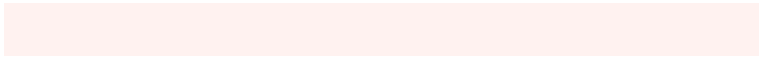
89, 15.266, 266.041

Sweetspot

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



89, 15.265, 36.051



97, 4.716, 35.915



88, 26.274, 330.522



51, 3.137, 35.926



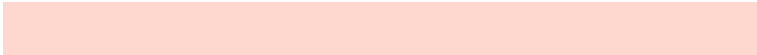
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

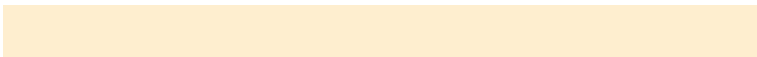
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 15.265, 36.051



87, 18.498, 36.108



95, 17.063, 88.755



50, 4.535, 35.960



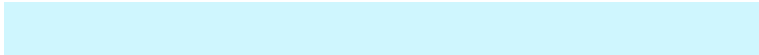
41, 80.935, 42.605



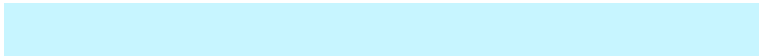
11, 30.415, 35.554

Inverse Universe

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



94, 13.476, 216.520



94, 15.907, 216.642



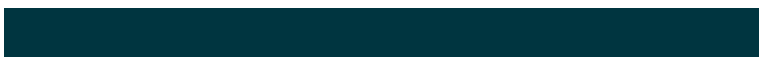
88, 16.997, 273.765



52, 4.267, 216.322



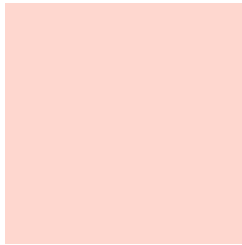
60, 35.081, 229.163



20, 16.150, 224.702

Previews

White Background



This preview shows how the CIELCh color 89, 15.266, 36.041 looks on a white background.

Color Contrast Check

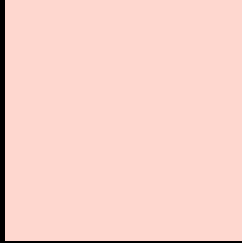
Large Text (above 18pt) WCAG AA × Fail

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, 15.266, 36.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

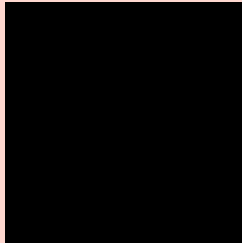
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

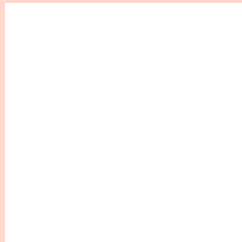
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 15.266, 36.041

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.266, 36.041.

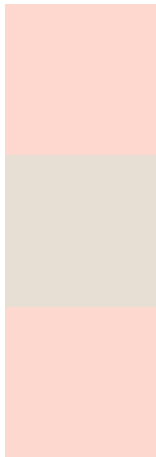


This preview shows how white text looks on a background with the CIELCh color 89, 15.266, 36.041.

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, 15.281, 36.042

Protanopia

89, 6.868, 84.275

Deuteranopia

89, 14.343, 39.167



Tritanopia
89, 17.680, 352.784

Trichromacy



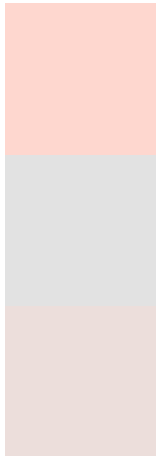
Original Color
89, 15.281, 36.042

Protanomaly
89, 8.745, 56.052

Deuteranomaly
89, 14.709, 38.703

Tritanomaly
89, 15.871, 7.404

Monochromacy



Original Color
89, 15.281, 36.042

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 5.323, 36.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.266, 36.041 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.266, 36.041 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, 207) }
```

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

```
.border{ border-color:rgb(254, 215, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 207);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.266, 36.041 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, 207) }
```

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

```
.background{ background-color: rgb(254,  
215, 207) }
```

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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