

Converting Colors

CIELCh(89, 15.364, 8.040)

Have a look what the booklet for
CIELCh(89, 15.364, 8.040) contains.

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Color

CIELCh(89, 15.037, 8.608)

Conversions

Conversions Part 1

Format	Color
Hex	FED6DC
RGB	254, 214, 220
RGB Percent	100%, 84%, 86%
CMY	0.0048, 0.1616, 0.1381
CMYK	0.00, 0.16, 0.13, 0.00
HSL	351°, 94%, 92%
HSV	351°, 16%, 100%
XYZ	77.6684, 74.1641, 77.7777
YIQ	226.6440, 21.9140, 10.3460

Conversions

Conversions Part 2

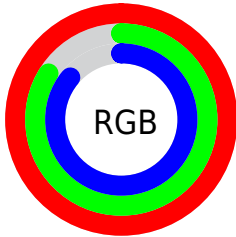
Format	Color
RYB	254, 214, 220
Decimal	16701148
CIELab	89.00, 14.87, 2.25
CIElCh	89, 15.037, 8.608
Yxy	74.1641, 0.3383, 0.3230
Android (android.graphics.Color)	4294891228 (0xFF FED6DC)
YUV	226.6440, -3.2755, 23.9912
Hunter-Lab	86.1186, 10.2776, 6.7355

Details

The CIELCh color **89, 15.037, 8.608** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 13.973, 185.834**, 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, 15.150, 8.376** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.275, 9.845**, and if you desaturate by 10%, it is **96, 5.333, 7.534**.

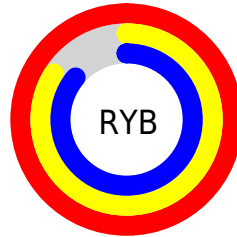
Distribution



Red (100%)

Green (84%)

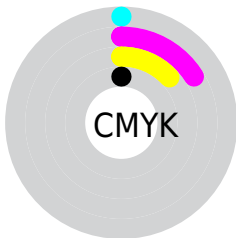
Blue (86%)



Red (100%)

Yellow (84%)

Blue (86%)

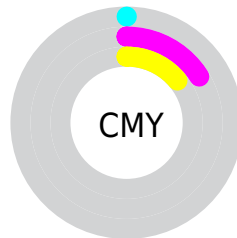


Cyan (0%)

Magenta (16%)

Yellow (13%)

Black (0%)



Cyan (0%)

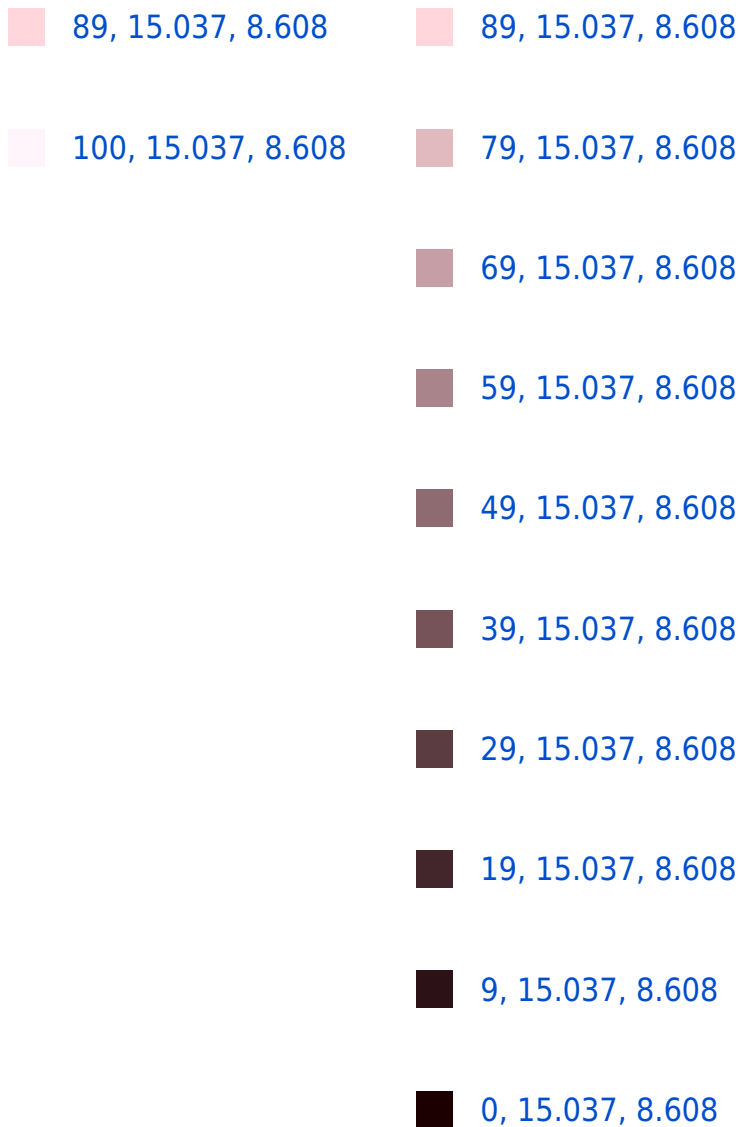
Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 15.037, 8.608 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, 15.037, 8.608 by changing the saturation by 10% instead.



89, 15.037, 8.608

89, 15.037, 8.608

83, 25.275, 9.845

96, 5.333, 7.534

76, 35.961, 11.343

100, 0.427,
200.931

71, 46.909, 13.209

65, 57.823, 15.572

61, 68.315, 18.578

57, 77.991, 22.357

55, 86.580, 26.920

53, 93.947, 31.970

53, 96.766, 33.988

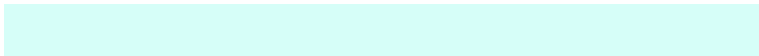
Harmonies

Complementary

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



89, 15.037, 8.608



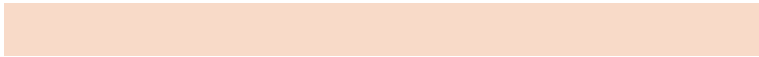
97, 13.973, 185.834

Rectangle

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



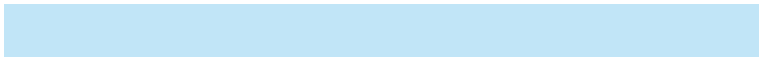
89, 15.037, 8.608



89, 15.037, 58.608



89, 15.037, 188.608



89, 15.037, 238.608

Sweetspot

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



89, 15.035, 8.615



97, 4.640, 7.446



89, 24.005, 321.009



51, 3.172, 7.528



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

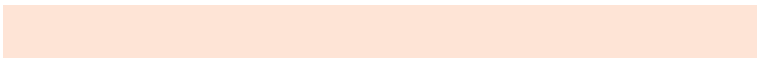
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 15.035, 8.615



87, 18.371, 8.991



92, 12.080, 56.381



50, 5.346, 7.937



40, 77.482, 33.083



10, 32.280, 21.021

Inverse Universe

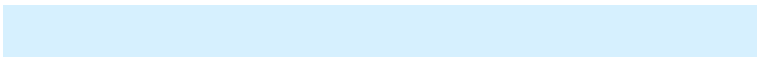
The Inverse Universe completely reimagines the original color for something new.



89, 15.035, 8.615



87, 18.371, 8.991



93, 11.161, 239.442



50, 5.346, 7.937



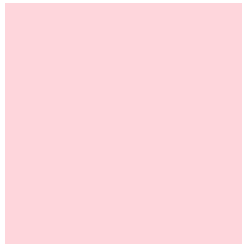
40, 77.482, 33.083



10, 32.280, 21.021

Previews

White Background



This preview shows how the CIELCh color 89, 15.037, 8.608 looks on a white background.

Color Contrast Check

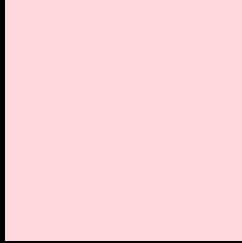
Large Text (above 18pt) WCAG AA × Fail

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, 15.037, 8.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

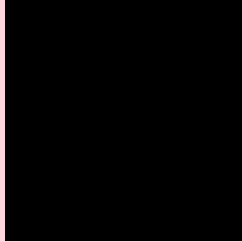
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 15.037, 8.608

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.037, 8.608.



This preview shows how white text looks on a background with the CIELCh color 89, 15.037, 8.608.

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, 15.037, 8.608

Protanopia

89, 1.787, 343.545

Deuteranopia

89, 11.488, 12.443



Tritanopia
89, 17.910, 351.298

Trichromacy



Original Color
89, 15.037, 8.608

Protanomaly
89, 6.363, 5.624

Deuteranomaly
89, 12.667, 10.907

Tritanomaly
89, 16.718, 356.929

Monochromacy



Original Color
89, 15.037, 8.608

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.173, 8.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.037, 8.608 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(254, 214, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 214, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.037, 8.608 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, 220) }
```

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

```
.border{ border-color:rgb(254, 214, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 214, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 214, 220);  
box-shadow:4px 4px 4px 4px rgb(254, 214,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.037, 8.608 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, 220) }
```

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

```
.background{ background-color: rgb(254,  
214, 220) }
```

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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