

Converting Colors

CIELCh(87, 16.961, 6.124)

Have a look what the booklet for
CIELCh(87, 16.961, 6.124) contains.

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Color

CIELCh(87, 16.789, 6.366)

Conversions

Conversions Part 1

Format	Color
Hex	FBCFD7
RGB	251, 207, 215
RGB Percent	98%, 81%, 84%
CMY	0.0159, 0.1884, 0.1570
CMYK	0.00, 0.18, 0.14, 0.02
HSL	349°, 84%, 90%
HSV	349°, 18%, 98%
XYZ	74.3266, 70.0064, 73.8530
YIQ	221.0680, 23.6560, 11.8160

Conversions

Conversions Part 2

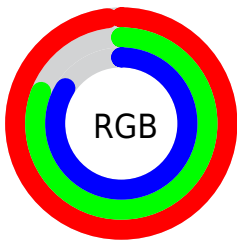
Format	Color
RYB	251, 207, 215
Decimal	16502743
CIELab	87.00, 16.69, 1.86
CIELCh	87, 16.789, 6.366
Yxy	70.0064, 0.3407, 0.3209
Android (android.graphics.Color)	4294692823 (0xFFFBCFD7)
YUV	221.0680, -2.9915, 26.2504
Hunter-Lab	83.6698, 12.1452, 6.2353

Details

The CIELCh color **87, 16.789, 6.366** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 15.576, 183.118**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 16.520, 7.609** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.034, 7.658**, and if you desaturate by 10%, it is **94, 7.016, 5.260**.

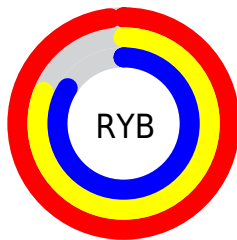
Distribution



Red (98%)

Green (81%)

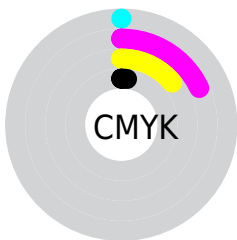
Blue (84%)



Red (98%)

Yellow (81%)

Blue (84%)

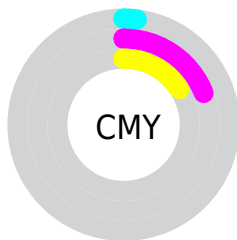


Cyan (0%)

Magenta (18%)

Yellow (14%)

Black (2%)



Cyan (2%)

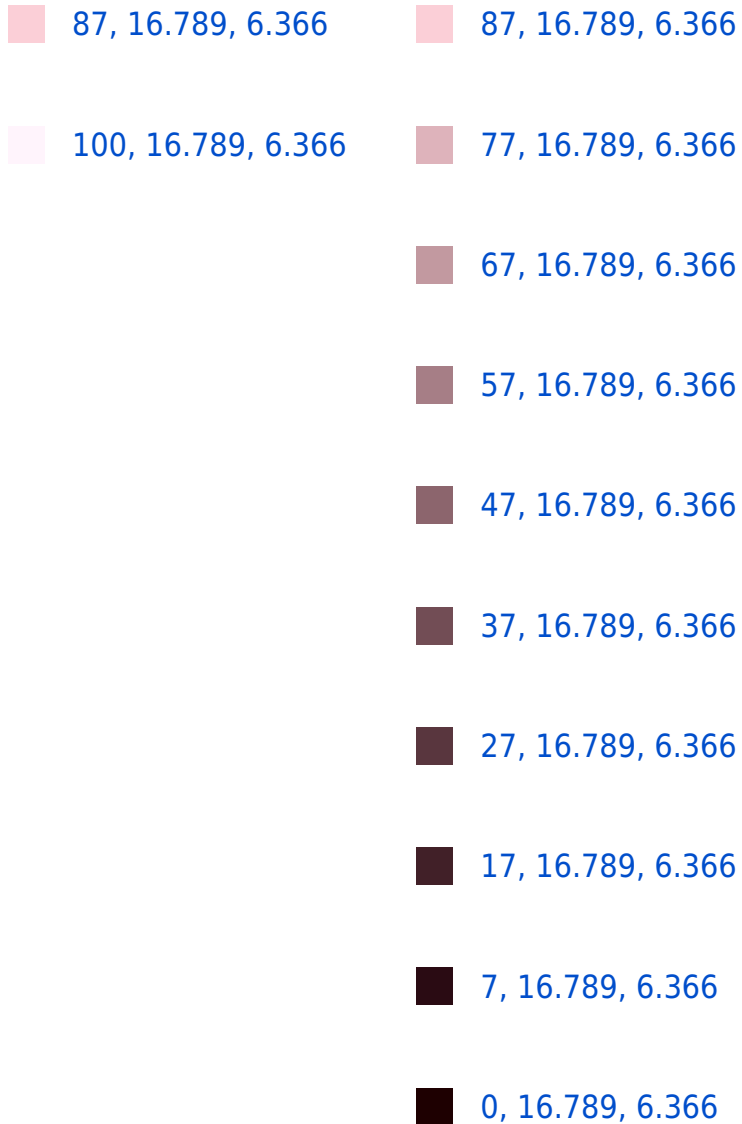
Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 16.789, 6.366 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 87, 16.789, 6.366 by changing the saturation by 10% instead.



87, 16.789, 6.366

87, 16.789, 6.366

81, 27.034, 7.658

94, 7.016, 5.260

75, 37.639, 9.220

100, 1.406,
199.787

69, 48.385, 11.159

64, 58.944, 13.607

60, 68.905, 16.717

56, 77.884, 20.628

54, 85.673, 25.365

53, 92.316, 30.640

53, 93.887, 31.873

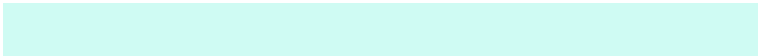
Harmonies

Complementary

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



87, 16.789, 6.366



95, 15.576, 183.118

Rectangle

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



87, 16.789, 6.366



87, 16.789, 56.366



87, 16.789, 186.366



87, 16.789, 236.366

Sweetspot

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



87, 16.787, 6.372



97, 4.687, 4.974



87, 26.257, 320.093



51, 3.204, 5.057



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

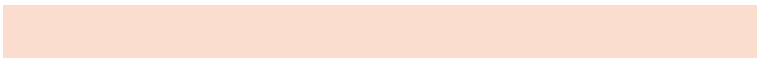
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 16.787, 6.372



86, 20.558, 6.795



90, 13.430, 52.342



49, 5.307, 5.473



39, 75.064, 30.877



9, 31.081, 18.630

Inverse Universe

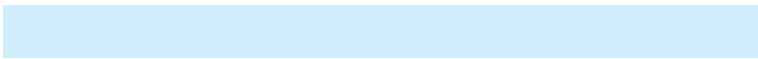
The Inverse Universe completely reimagines the original color for something new.



87, 16.787, 6.372



86, 20.558, 6.795



92, 12.190, 235.282



49, 5.307, 5.473



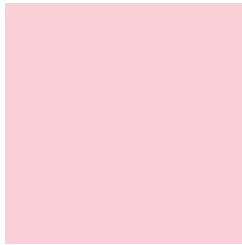
39, 75.064, 30.877



9, 31.081, 18.630

Previews

White Background



This preview shows how the CIELCh color 87, 16.789, 6.366 looks on a white background.

Color Contrast Check

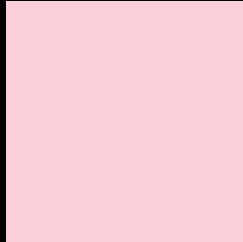
Large Text (above 18pt) WCAG AA × Fail

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 87, 16.789, 6.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

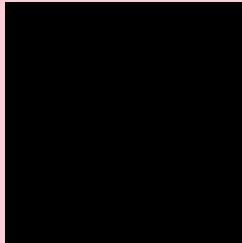
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 16.789, 6.366

Background



This preview shows how black text looks on a background with the CIELCh color 87, 16.789, 6.366.

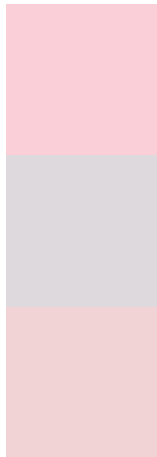


This preview shows how white text looks on a background with the CIELCh color 87, 16.789, 6.366.

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

87, 16.789, 6.366

Protanopia

87, 2.559, 324.433

Deuteranopia

87, 11.170, 12.175



Tritanopia
87, 18.757, 354.534

Trichromacy



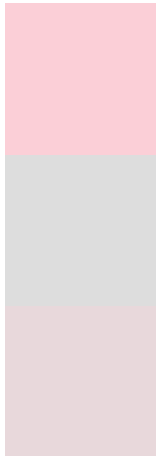
Original Color
87, 16.789, 6.366

Protanomaly
87, 7.600, 355.580

Deuteranomaly
87, 13.098, 11.237

Tritanomaly
87, 18.194, 359.022

Monochromacy



Original Color
87, 16.789, 6.366

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.030, 4.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 16.789, 6.366 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(251, 207, 215)` looks like.

```
.text, #text, p{  
    color:rgb(251, 207, 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(251, 207, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 207, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 16.789, 6.366 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(251, 207, 215) }
```

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

```
.border{ border-color:rgb(251, 207, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 207, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 207, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 207, 215);  
box-shadow:4px 4px 4px 4px rgb(251, 207,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 16.789, 6.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 207, 215) }
```

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

```
.background{ background-color: rgb(251,  
207, 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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