

Converting Colors

CIELCh(87, 16.127, 20.589)

Have a look what the booklet for
CIELCh(87, 16.127, 20.589) contains.

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Color

CIELCh(87, 16.111, 20.583)

Conversions

Conversions Part 1

Format	Color
Hex	FBD0D0
RGB	251, 208, 208
RGB Percent	98%, 82%, 82%
CMY	0.0166, 0.1852, 0.1852
CMYK	0.00, 0.17, 0.17, 0.02
HSL	0°, 84%, 90%
HSV	0°, 17%, 98%
XYZ	73.5534, 70.0064, 69.1617
YIQ	220.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

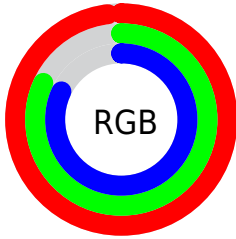
Format	Color
R _Y B	251, 208, 208
Decimal	16502992
CIE Lab	87.00, 15.08, 5.66
CIE LCh	87, 16.111, 20.583
Yxy	70.0064, 0.3458, 0.3291
Android (android.graphics.Color)	4294693072 (0xFFFB0D0D)
YUV	220.8570, -6.3385, 26.4354
Hunter-Lab	83.6698, 10.4956, 9.5596

Details

The CIELCh color **87, 16.111, 20.583** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 14.396, 198.542**, 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, 15.929, 20.879** is the 20% darker color. If you saturate the color by 10%, you get **81, 26.519, 21.610**, and if you desaturate by 10%, it is **94, 6.451, 19.760**.

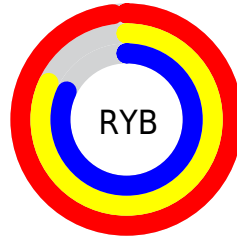
Distribution



Red (98%)

Green (82%)

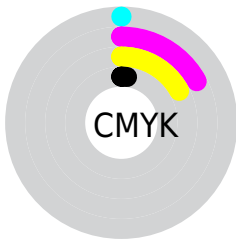
Blue (82%)



Red (98%)

Yellow (82%)

Blue (82%)

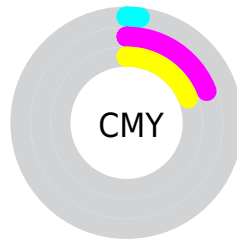


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (2%)



Cyan (2%)

Magenta (19%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 16.111, 20.583 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, 16.111, 20.583 by changing the saturation by 10% instead.

 87, 16.111, 20.583

 87, 16.111, 20.583

 100, 16.111,
20.583

 77, 16.111, 20.583

 67, 16.111, 20.583

 57, 16.111, 20.583

 47, 16.111, 20.583

 37, 16.111, 20.583

 27, 16.111, 20.583

 17, 16.111, 20.583

 7, 16.111, 20.583

 0, 16.111, 20.583

87, 16.111, 20.583

87, 16.111, 20.583

81, 26.519, 21.610

94, 6.451, 19.760

74, 37.643, 22.930

100, 1.472,
199.762

69, 49.354, 24.660

63, 61.411, 26.912

59, 73.450, 29.776

56, 84.959, 33.207

54, 95.046, 36.785

53, 101.796,
39.416

52, 103.254,
40.001

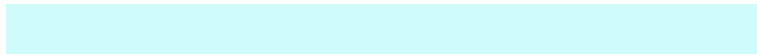
Harmonies

Complementary

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



87, 16.111, 20.583



96, 14.396, 198.542

Rectangle

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



87, 16.111, 20.583



87, 16.111, 70.583



87, 16.111, 200.583



87, 16.111, 250.583

Sweetspot

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



87, 16.109, 20.591



97, 4.538, 19.574



88, 27.030, 325.378



51, 3.105, 19.638



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

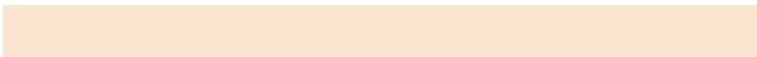
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 16.109, 20.591



86, 20.310, 20.956



92, 13.708, 73.268



49, 5.167, 19.949



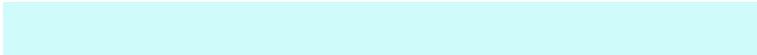
39, 83.390, 40.001



9, 32.193, 26.144

Inverse Universe

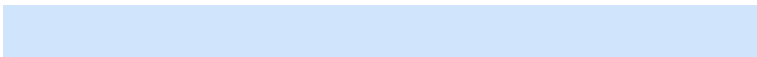
The Inverse Universe completely reimagines the original color for something new.



96, 14.396, 198.542



96, 17.656, 198.344



90, 13.108, 257.862



51, 4.864, 198.972



69, 39.958, 196.401



23, 18.079, 196.399

Previews

White Background



This preview shows how the CIELCh color 87, 16.111, 20.583 looks on a white background.

Color Contrast Check

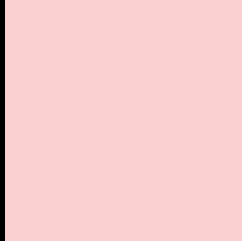
Large Text (above 18pt) WCAG AA × Fail

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 87, 16.111, 20.583 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

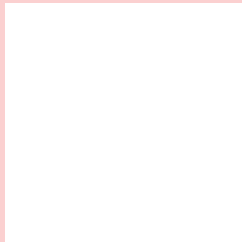
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 16.111, 20.583

Background



This preview shows how black text looks on a background with the CIELCh color 87, 16.111, 20.583.

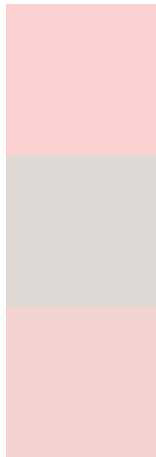


This preview shows how white text looks on a background with the CIELCh color 87, 16.111, 20.583.

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, 16.111, 20.583

Protanopia

87, 3.003, 63.280

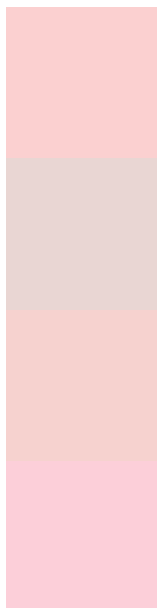
Deuteranopia

87, 12.144, 30.057



Tritanopia
87, 18.757, 354.534

Trichromacy



Original Color
87, 16.111, 20.583

Protanomaly
87, 7.169, 32.394

Deuteranomaly
87, 13.573, 26.926

Tritanomaly
87, 17.381, 3.363

Monochromacy



Original Color
87, 16.111, 20.583

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 5.841, 19.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 16.111, 20.583 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, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 208)  
}
```

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, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 16.111, 20.583 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, 208, 208) }
```

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

```
.border{ border-color:rgb(251, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 16.111, 20.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 208) }
```

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

```
.background{ background-color: rgb(251,  
208, 208) }
```

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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