

Converting Colors

CIELCh(87, 17.102, 39.748)

Have a look what the booklet for
CIELCh(87, 17.102, 39.748) contains.

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Color

CIELCh(87, 17.065, 39.963)

Conversions

Conversions Part 1

Format	Color
Hex	FBD1C6
RGB	251, 209, 198
RGB Percent	98%, 82%, 78%
CMY	0.0167, 0.1813, 0.2245
CMYK	0.00, 0.17, 0.21, 0.02
HSL	12°, 86%, 88%
HSV	12°, 21%, 98%
XYZ	72.5948, 70.0064, 62.9643
YIQ	220.3040, 28.5630, 5.4830

Conversions

Conversions Part 2

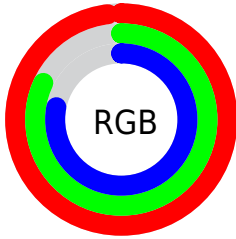
Format	Color
R _Y B	251, 212, 198
Decimal	16503238
CIE Lab	87.00, 13.08, 10.96
CIE LCh	87, 17.065, 39.963
Yxy	70.0064, 0.3531, 0.3406
Android (android.graphics.Color)	4294693318 (0xFFFB1C6)
YUV	220.3040, -10.9959, 26.9204
Hunter-Lab	83.6698, 8.4506, 13.9512

Details

The CIELCh color **87, 17.065, 39.963** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 14.824, 221.295**, 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, 17.087, 41.262** is the 20% darker color. If you saturate the color by 10%, you get **82, 26.221, 40.004**, and if you desaturate by 10%, it is **92, 8.622, 40.051**.

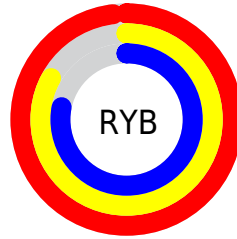
Distribution



Red (98%)

Green (82%)

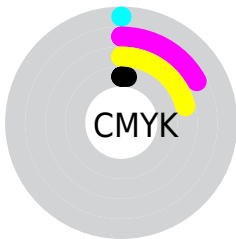
Blue (78%)



Red (98%)

Yellow (83%)

Blue (78%)

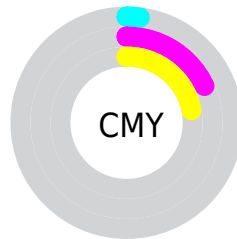


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (2%)



Cyan (2%)

Magenta (18%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 17.065, 39.963 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, 17.065, 39.963 by changing the saturation by 10% instead.

 87, 17.065, 39.963

 87, 17.065, 39.963

 100, 17.065,
39.963

 77, 17.065, 39.963

 67, 17.065, 39.963

 57, 17.065, 39.963

 47, 17.065, 39.963

 37, 17.065, 39.963

 27, 17.065, 39.963

 17, 17.065, 39.963

 7, 17.065, 39.963

 0, 17.065, 39.963

87, 17.065, 39.963

87, 17.065, 39.963

82, 26.221, 40.004

92, 8.622, 40.051

77, 36.125, 40.200

98, 0.839, 39.577

72, 46.768, 40.599

100, 1.479,
199.760

67, 58.063, 41.227

63, 69.775, 42.062

60, 81.366, 42.959

57, 91.616, 43.490

55, 98.276, 43.280

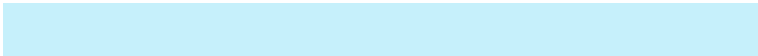
Harmonies

Complementary

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



87, 17.065, 39.963



92, 14.824, 221.295

Rectangle

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



87, 17.065, 39.963



87, 17.065, 89.963



87, 17.065, 219.963



87, 17.065, 269.963

Sweetspot

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



87, 17.064, 39.973



97, 4.612, 40.084



86, 29.056, 331.870



51, 3.068, 40.084



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, 17.064, 39.973



86, 20.803, 39.968



93, 19.965, 91.034



49, 4.361, 40.066



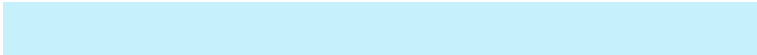
42, 78.916, 43.705



11, 28.621, 36.988

Inverse Universe

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



92, 14.824, 221.295



92, 17.554, 221.541



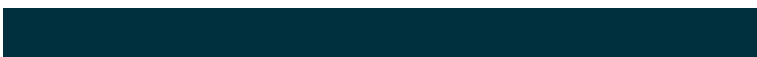
85, 20.035, 276.716



51, 4.110, 220.768



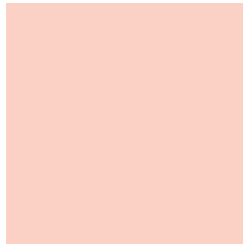
57, 35.188, 237.296



18, 15.745, 231.576

Previews

White Background



This preview shows how the CIELCh color 87, 17.065, 39.963 looks on a white background.

Color Contrast Check

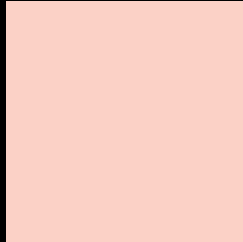
Large Text (above 18pt) WCAG AA × Fail

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, 17.065, 39.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

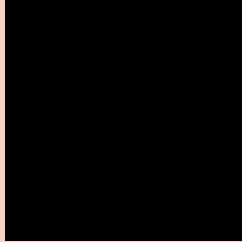
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 17.065, 39.963

Background



This preview shows how black text looks on a background with the CIELCh color 87, 17.065, 39.963.



This preview shows how white text looks on a background with the CIELCh color 87, 17.065, 39.963.

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, 17.065, 39.963

Protanopia

87, 8.492, 86.270

Deuteranopia

87, 15.698, 45.714



Tritanopia
87, 19.776, 356.091

Trichromacy



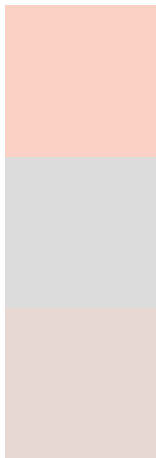
Original Color
87, 17.065, 39.963

Protanomaly
87, 10.764, 62.333

Deuteranomaly
87, 16.053, 45.134

Tritanomaly
87, 17.823, 9.016

Monochromacy



Original Color
87, 17.065, 39.963

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 5.880, 40.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 17.065, 39.963 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, 209, 198)` looks like.

```
.text, #text, p{  
    color:rgb(251, 209, 198)  
}
```

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, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 209, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 17.065, 39.963 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, 209, 198) }
```

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

```
.border{ border-color:rgb(251, 209, 198) }
```

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

Here you see how a box with a 4 pixel rgb(251, 209, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 209, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 209, 198);  
box-shadow:4px 4px 4px 4px rgb(251, 209,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 17.065, 39.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 209, 198) }
```

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

```
.background{ background-color: rgb(251,  
209, 198) }
```

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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