

Converting Colors

CIE LCh(89, 23.567, 20.330)

Have a look what the booklet for
CIELCh(89, 23.567, 20.330) contains.

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Color

CIELCh(87, 17.621, 19.027)

Conversions

Conversions Part 1

Format	Color
Hex	FECFD0
RGB	254, 207, 208
RGB Percent	100%, 81%, 82%
CMY	0.0054, 0.1895, 0.1856
CMYK	0.00, 0.19, 0.18, 0.01
HSL	359°, 94%, 90%
HSV	359°, 19%, 99%
XYZ	74.3135, 70.0064, 69.0644
YIQ	221.1670, 27.6910, 10.2750

Conversions

Conversions Part 2

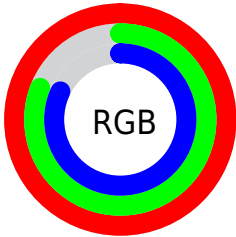
Format	Color
RYB	254, 207, 208
Decimal	16699344
CIELab	87.00, 16.66, 5.74
CIELCh	87, 17.621, 19.027
Yxy	70.0064, 0.3483, 0.3281
Android (android.graphics.Color)	4294889424 (0xFFFECFD0)
YUV	221.1670, -6.4913, 28.7945
Hunter-Lab	83.6698, 12.1171, 9.6285

Details

The CIELCh color **87, 17.621, 19.027** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 15.669, 196.576**, 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, 17.550, 19.278** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.168, 20.140**, and if you desaturate by 10%, it is **94, 7.793, 18.137**.

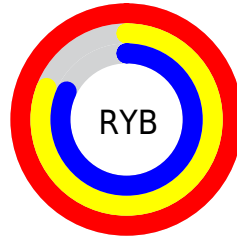
Distribution



Red (100%)

Green (81%)

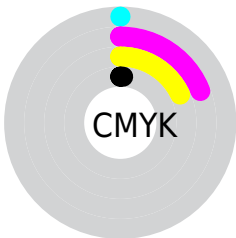
Blue (82%)



Red (100%)

Yellow (81%)

Blue (82%)

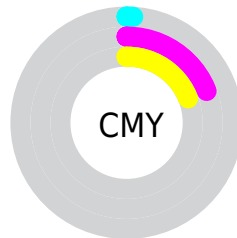


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 17.621, 19.027 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, 17.621, 19.027 by changing the saturation by 10% instead.

 87, 17.621, 19.027

 87, 17.621, 19.027

 100, 17.621,
19.027

 77, 17.621, 19.027

 67, 17.621, 19.027

 57, 17.621, 19.027

 47, 17.621, 19.027

 37, 17.621, 19.027

 27, 17.621, 19.027

 17, 17.621, 19.027

 7, 17.621, 19.027

 0, 17.621, 19.027

87, 17.621, 19.027

87, 17.621, 19.027

81, 28.168, 20.140

94, 7.793, 18.137

74, 39.382, 21.561

100, 0.480,
200.754

69, 51.110, 23.406

64, 63.084, 25.796

59, 74.927, 28.821

56, 86.147, 32.443

54, 95.940, 36.250

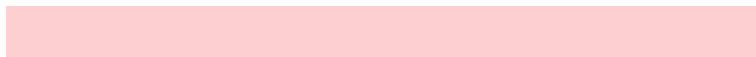
53, 102.586,
39.129

53, 103.307,
39.412

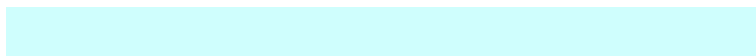
Harmonies

Complementary

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



87, 17.621, 19.027



96, 15.669, 196.576

Rectangle

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



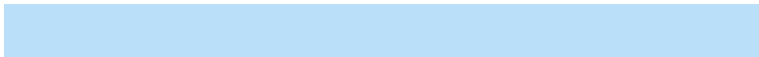
87, 17.621, 19.027



87, 17.621, 69.027



87, 17.621, 199.027



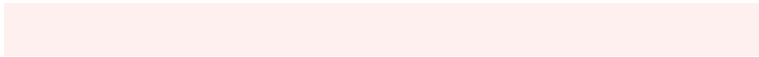
87, 17.621, 249.027

Sweetspot

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



87, 17.619, 19.034



96, 5.469, 17.917



88, 29.169, 324.523



51, 3.637, 17.976



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

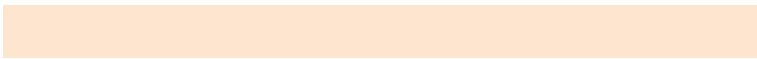
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 17.619, 19.034



85, 21.318, 19.392



92, 14.725, 69.497



49, 5.252, 18.222



40, 83.277, 39.168



10, 33.191, 26.328

Inverse Universe

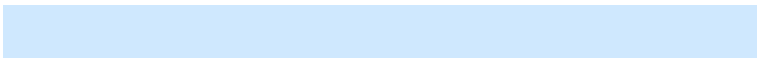
The Inverse Universe completely reimagines the original color for something new.



87, 17.619, 19.034



85, 21.318, 19.392



91, 13.878, 254.313



49, 5.252, 18.222



40, 83.277, 39.168



10, 33.191, 26.328

Previews

White Background



This preview shows how the CIELCh color 87, 17.621, 19.027 looks on a white background.

Color Contrast Check

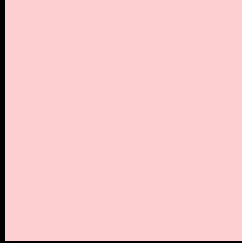
Large Text (above 18pt) WCAG AA × Fail

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, 17.621, 19.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

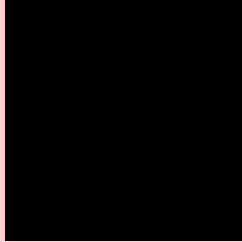
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 17.621, 19.027

Background



This preview shows how black text looks on a background with the CIELCh color 87, 17.621, 19.027.



This preview shows how white text looks on a background with the CIELCh color 87, 17.621, 19.027.

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, 17.639, 19.034

Protanopia

87, 2.669, 55.180

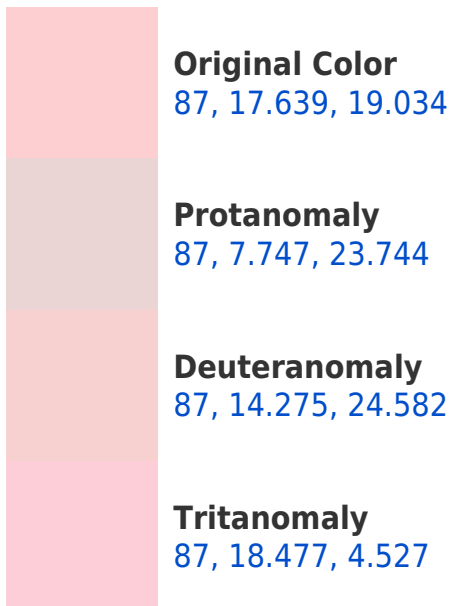
Deuteranopia

87, 12.144, 30.057



Tritanopia
87, 20.113, 356.575

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 17.621, 19.027 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, 207, 208)` looks like.

```
.text, #text, p{  
    color:rgb(254, 207, 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(254, 207, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 17.621, 19.027 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, 207, 208) }
```

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

```
.border{ border-color:rgb(254, 207, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 207, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 207, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 207, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 207,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 17.621, 19.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 207, 208) }
```

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

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