

Converting Colors

CIELCh(87, 17.203, 20.350)

Have a look what the booklet for
CIELCh(87, 17.203, 20.350) contains.

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Color

CIELCh(87, 17.281, 20.679)

Conversions

Conversions Part 1

Format	Color
Hex	FDCFCF
RGB	253, 207, 207
RGB Percent	99%, 81%, 81%
CMY	0.0079, 0.1882, 0.1883
CMYK	0.00, 0.18, 0.18, 0.01
HSL	0°, 92%, 90%
HSV	0°, 18%, 99%
XYZ	74.0763, 70.0064, 68.6339
YIQ	220.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

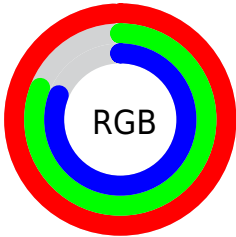
Format	Color
R _Y B	253, 207, 207
Decimal	16633807
CIE Lab	87.00, 16.17, 6.10
CIE LCh	87, 17.281, 20.679
Yxy	70.0064, 0.3482, 0.3291
Android (android.graphics.Color)	4294823887 (0xFFFD CFCF)
YUV	220.7540, -6.7807, 28.2797
Hunter-Lab	83.6698, 11.6110, 9.9336

Details

The CIELCh color **87, 17.281, 20.679** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 15.328, 198.488**, 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, 17.179, 21.009** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.842, 21.733**, and if you desaturate by 10%, it is **94, 7.472, 19.845**.

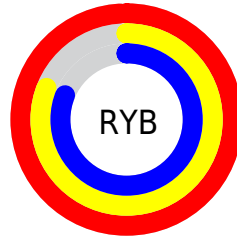
Distribution



Red (99%)

Green (81%)

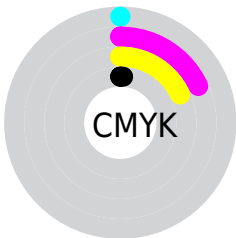
Blue (81%)



Red (99%)

Yellow (81%)

Blue (81%)

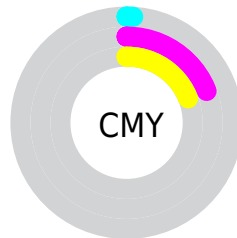


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 17.281, 20.679 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, 17.281, 20.679 by changing the saturation by 10% instead.

 87, 17.281, 20.679

 87, 17.281, 20.679

 100, 17.281,
20.679

 77, 17.281, 20.679

 67, 17.281, 20.679

 57, 17.281, 20.679

 47, 17.281, 20.679

 37, 17.281, 20.679

 27, 17.281, 20.679

 17, 17.281, 20.679

 7, 17.281, 20.679

 0, 17.281, 20.679

87, 17.281, 20.679

87, 17.281, 20.679

81, 27.842, 21.733

94, 7.472, 19.845

74, 39.116, 23.092

100, 0.698,
200.310

69, 50.962, 24.872

63, 63.124, 27.188

59, 75.220, 30.120

56, 86.714, 33.598

54, 96.627, 37.140

53, 103.012,
39.627

53, 103.949,
40.001

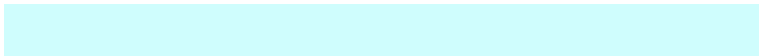
Harmonies

Complementary

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



87, 17.281, 20.679



96, 15.328, 198.488

Rectangle

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



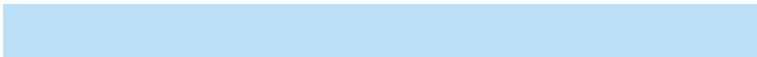
87, 17.281, 20.679



87, 17.281, 70.679



87, 17.281, 200.679



87, 17.281, 250.679

Sweetspot

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



87, 17.279, 20.687



97, 4.538, 19.575



88, 28.880, 325.436



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, 17.279, 20.687



85, 21.361, 21.056



93, 14.680, 73.138



49, 5.253, 19.951



40, 84.228, 40.001



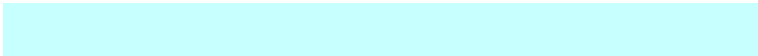
10, 33.365, 27.181

Inverse Universe

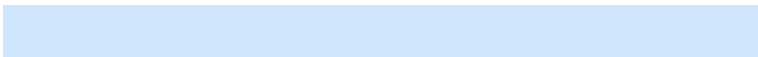
The Inverse Universe completely reimagines the original color for something new.



96, 15.328, 198.488



96, 18.434, 198.295



90, 13.994, 258.032



52, 4.945, 198.971



70, 40.359, 196.401



24, 18.568, 196.399

Previews

White Background



This preview shows how the CIELCh color 87, 17.281, 20.679 looks on a white background.

Color Contrast Check

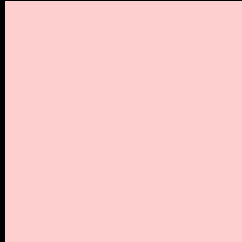
Large Text (above 18pt) WCAG AA × Fail

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, 17.281, 20.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

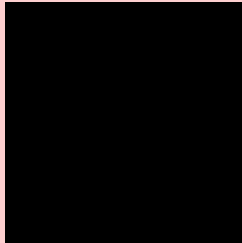
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 17.281, 20.679

Background



This preview shows how black text looks on a background with the CIELCh color 87, 17.281, 20.679.

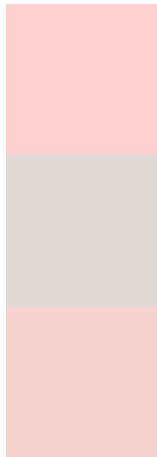


This preview shows how white text looks on a background with the CIELCh color 87, 17.281, 20.679.

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, 17.281, 20.679

Protanopia

87, 3.003, 63.280

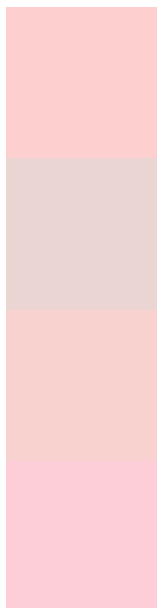
Deuteranopia

87, 12.642, 32.078



Tritanopia
87, 20.113, 356.575

Trichromacy



Original Color
87, 17.281, 20.679

Protanomaly
87, 7.811, 27.544

Deuteranomaly
87, 14.050, 28.855

Tritanomaly
87, 18.477, 4.527

Monochromacy



Original Color
87, 17.281, 20.679

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.211, 19.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 17.281, 20.679 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(253, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(253, 207, 207)  
}
```

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(253, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 207, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 17.281, 20.679 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(253, 207, 207) }
```

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

```
.border{ border-color:rgb(253, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(253, 207,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 17.281, 20.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 207, 207) }
```

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

```
.background{ background-color: rgb(253,  
207, 207) }
```

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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