

Converting Colors

CIELCh(88, 17.522, 5.811)

Have a look what the booklet for
CIELCh(88, 17.522, 5.811) contains.

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Color

CIELCh(88, 17.590, 5.378)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1DA
RGB	255, 209, 218
RGB Percent	100%, 82%, 85%
CMY	0.0000, 0.1796, 0.1443
CMYK	0.00, 0.18, 0.14, 0.00
HSL	348°, 100%, 91%
HSV	348°, 18%, 100%
XYZ	76.8413, 72.0653, 76.3223
YIQ	223.7800, 24.5270, 12.5510

Conversions

Conversions Part 2

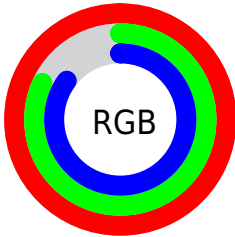
Format	Color
R_{YB}	255, 209, 218
Decimal	16765402
CIE _{Lab}	88.00, 17.51, 1.65
CIE _{LCh}	88, 17.590, 5.378
Yxy	72.0653, 0.3412, 0.3200
Android (android.graphics.Color)	4294955482 (0xFFFFD1DA)
YUV	223.7800, -2.8495, 27.3799
Hunter-Lab	84.8913, 13.0136, 6.1186

Details

The CIELCh color **88, 17.590, 5.378** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 16.272, 181.921**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 17.859, 5.184** is the 20% darker color. If you saturate the color by 10%, you get **82, 27.927, 6.613**, and if you desaturate by 10%, it is **95, 7.562, 4.187**.

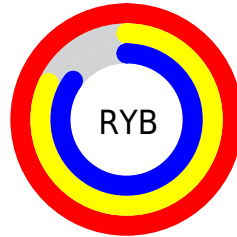
Distribution



Red (100%)

Green (82%)

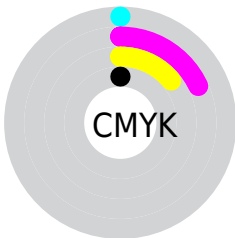
Blue (85%)



Red (100%)

Yellow (82%)

Blue (85%)

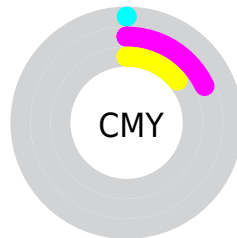


Cyan (0%)

Magenta (18%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 17.590, 5.378 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 88, 17.590, 5.378 by changing the saturation by 10% instead.



88, 17.590, 5.378

88, 17.590, 5.378

82, 27.927, 6.613

95, 7.562, 4.187

75, 38.667, 8.190

100, 0.012,
296.813

70, 49.503, 10.145

65, 60.087, 12.610

60, 69.995, 15.741

57, 78.833, 19.684

55, 86.415, 24.474

54, 92.859, 29.837

53, 94.135, 30.880

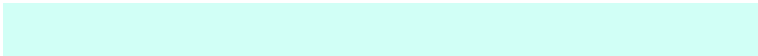
Harmonies

Complementary

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



88, 17.590, 5.378



97, 16.272, 181.921

Rectangle

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



88, 17.590, 5.378



88, 17.590, 55.378



88, 17.590, 185.378



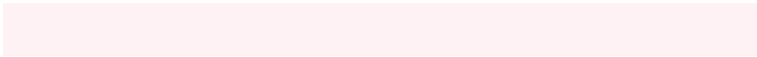
88, 17.590, 235.378

Sweetspot

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



88, 17.515, 5.311



97, 4.712, 3.852



88, 27.141, 319.608



51, 3.221, 3.935



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

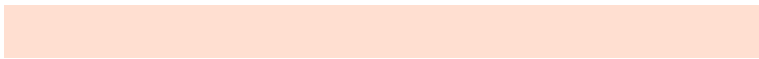
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 17.515, 5.311



85, 21.670, 5.810



91, 14.003, 50.378



50, 5.422, 4.356



40, 75.122, 29.864



10, 32.005, 18.913

Inverse Universe

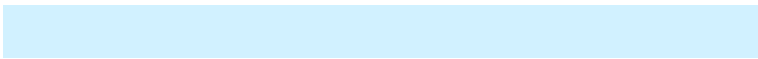
The Inverse Universe completely reimagines the original color for something new.



88, 17.515, 5.311



85, 21.670, 5.810



93, 12.629, 233.129



50, 5.422, 4.356



40, 75.122, 29.864



10, 32.005, 18.913

Previews

White Background



This preview shows how the CIELCh color 88, 17.590, 5.378 looks on a white background.

Color Contrast Check

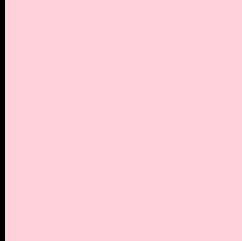
Large Text (above 18pt) WCAG AA × Fail

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 88, 17.590, 5.378 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 88, 17.590, 5.378

Background



This preview shows how black text looks on a background with the CIELCh color 88, 17.590, 5.378.

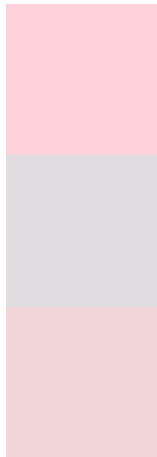


This preview shows how white text looks on a background with the CIELCh color 88, 17.590, 5.378.

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

88, 17.590, 5.378

Protanopia

88, 2.553, 324.430

Deuteranopia

88, 10.768, 11.849



Tritanopia
88, 18.508, 355.975

Trichromacy



Original Color
88, 17.590, 5.378

Protanomaly
88, 7.580, 355.569

Deuteranomaly
88, 13.144, 8.986

Tritanomaly
88, 18.146, 358.997

Monochromacy



Original Color
88, 17.590, 5.378

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 6.014, 4.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 17.590, 5.378 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(255, 209, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 218)  
}
```

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(255, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 17.590, 5.378 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(255, 209, 218) }
```

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

```
.border{ border-color:rgb(255, 209, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 17.590, 5.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 218) }
```

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

```
.background{ background-color: rgb(255,  
209, 218) }
```

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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