

Converting Colors

CIELCh(89, 23.389, 5.758)

Have a look what the booklet for
CIELCh(89, 23.389, 5.758) contains.

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Color

CIELCh(88, 18.352, 1.002)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1DD
RGB	255, 209, 221
RGB Percent	100%, 82%, 87%
CMY	0.0000, 0.1815, 0.1344
CMYK	0.00, 0.18, 0.13, 0.00
HSL	344°, 100%, 91%
HSV	344°, 18%, 100%
XYZ	77.2561, 72.0653, 78.0463
YIQ	224.1220, 23.5640, 13.4840

Conversions

Conversions Part 2

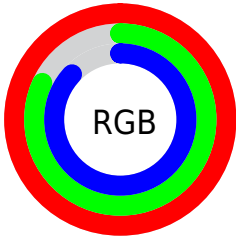
Format	Color
R _{YB}	255, 209, 221
Decimal	16765405
CIE Lab	88.00, 18.35, 0.32
CIE LCh	88, 18.352, 1.002
Yxy	72.0653, 0.3398, 0.3170
Android (android.graphics.Color)	4294955485 (0xFFFFD1DD)
YUV	224.1220, -1.5391, 27.0800
Hunter-Lab	84.8913, 13.8858, 4.9146

Details

The CIELCh color **88, 18.352, 1.002** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 17.020, 177.151**, 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, 18.267, 0.174** is the 20% darker color. If you saturate the color by 10%, you get **82, 28.606, 1.980**, and if you desaturate by 10%, it is **95, 7.944, 359.549**.

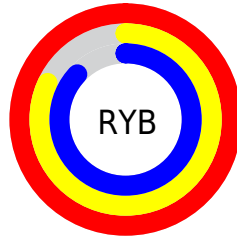
Distribution



Red (100%)

Green (82%)

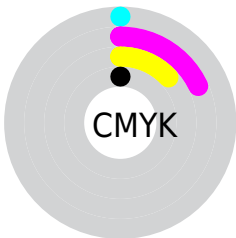
Blue (87%)



Red (100%)

Yellow (82%)

Blue (87%)

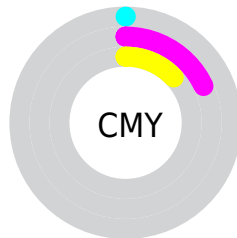


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (0%)



Cyan (0%)

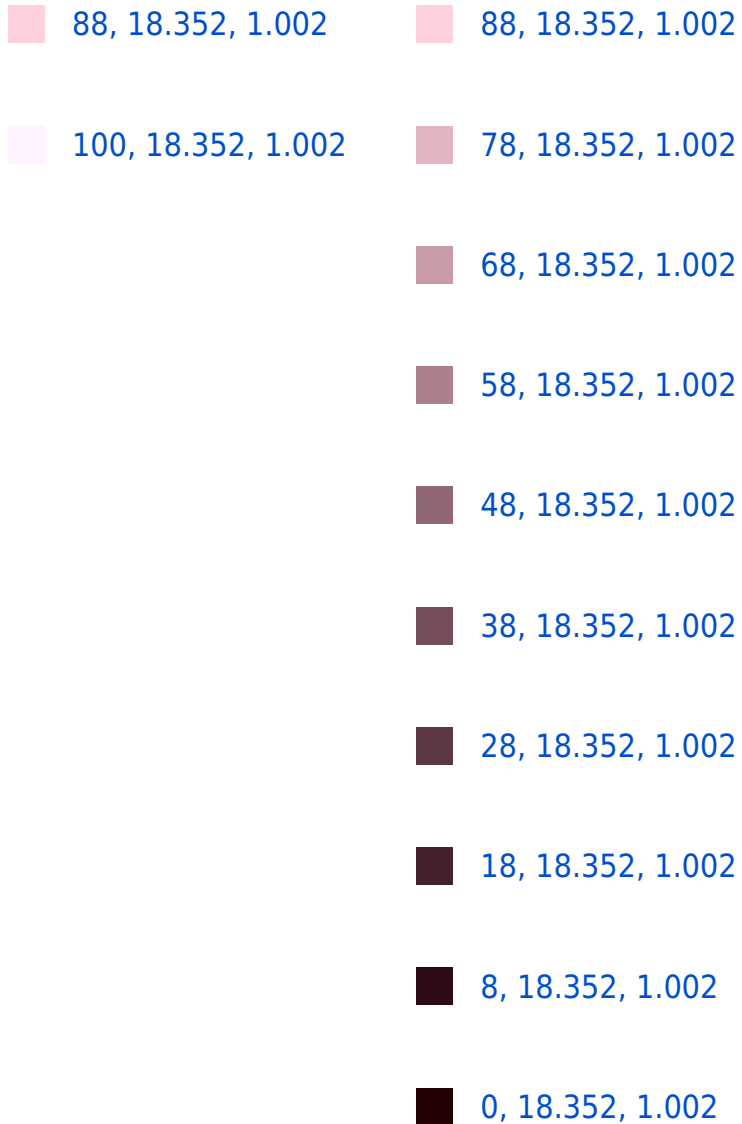
Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 18.352, 1.002 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, 18.352, 1.002 by changing the saturation by 10% instead.



88, 18.352, 1.002

88, 18.352, 1.002

82, 28.606, 1.980

95, 7.944, 359.549

75, 39.335, 3.532

100, 0.012,
296.813

70, 50.012, 5.434

65, 60.251, 7.813

61, 69.588, 10.829

57, 77.600, 14.652

55, 84.108, 19.389

54, 89.390, 24.909

54, 90.361, 25.923

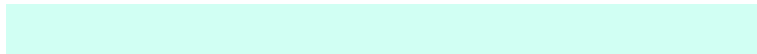
Harmonies

Complementary

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



88, 18.352, 1.002



97, 17.020, 177.151

Rectangle

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



88, 18.352, 1.002



88, 18.352, 51.002



88, 18.352, 181.002



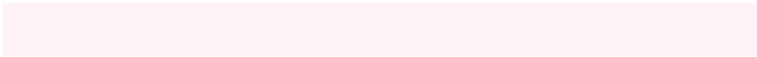
88, 18.352, 231.002

Sweetspot

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



88, 18.089, 0.682



97, 4.839, 359.191



88, 26.967, 317.556



51, 3.306, 359.274



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

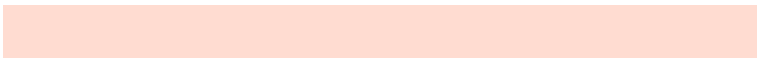
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 18.089, 0.682



85, 22.100, 1.156



90, 14.484, 42.797



50, 5.559, 359.698



40, 72.232, 24.840



10, 31.651, 15.427

Inverse Universe

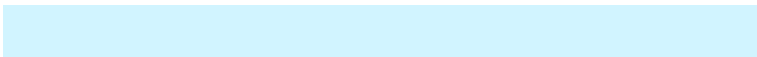
The Inverse Universe completely reimagines the original color for something new.



88, 18.089, 0.682



85, 22.100, 1.156



94, 12.895, 224.411



50, 5.559, 359.698



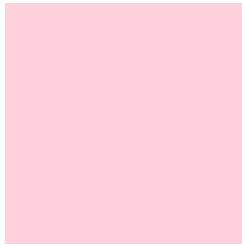
40, 72.232, 24.840



10, 31.651, 15.427

Previews

White Background



This preview shows how the CIELCh color 88, 18.352, 1.002 looks on a white background.

Color Contrast Check

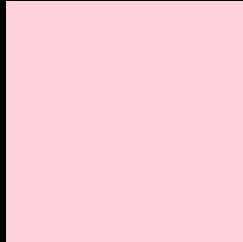
Large Text (above 18pt) WCAG AA × Fail

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, 18.352, 1.002 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, 18.352, 1.002

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.352, 1.002.

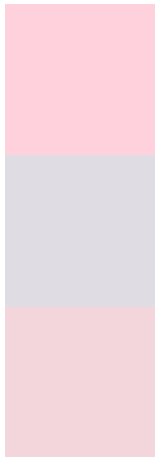


This preview shows how white text looks on a background with the CIELCh color 88, 18.352, 1.002.

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, 17.985, 0.553

Protanopia

88, 3.828, 306.653

Deuteranopia

88, 10.700, 3.232



Tritanopia
88, 19.056, 355.051

Trichromacy



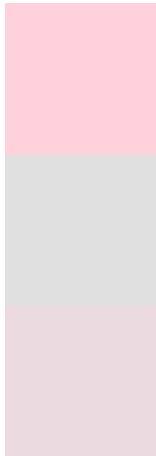
Original Color
88, 17.985, 0.553

Protanomaly
88, 8.333, 345.729

Deuteranomaly
88, 13.480, 2.461

Tritanomaly
88, 18.860, 356.495

Monochromacy



Original Color
88, 17.985, 0.553

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 6.695, 356.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.352, 1.002 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.352, 1.002 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, 221) }
```

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

```
.border{ border-color:rgb(255, 209, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.352, 1.002 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
209, 221) }
```

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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