

Converting Colors

CIELCh(89, 18.818, 8.184)

Have a look what the booklet for
CIELCh(89, 18.818, 8.184) contains.

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Color

CIELCh(88, 16.727, 6.336)

Conversions

Conversions Part 1

Format	Color
Hex	FED2DA
RGB	254, 210, 218
RGB Percent	100%, 82%, 85%
CMY	0.0049, 0.1773, 0.1459
CMYK	0.00, 0.17, 0.14, 0.00
HSL	349°, 95%, 91%
HSV	349°, 17%, 100%
XYZ	76.4027, 72.0653, 76.0683
YIQ	224.0680, 23.6560, 11.8160

Conversions

Conversions Part 2

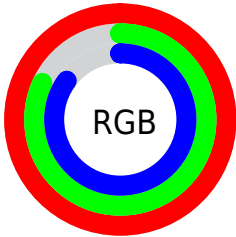
Format	Color
R_{YB}	254, 210, 218
Decimal	16700122
CIE Lab	88.00, 16.62, 1.85
CIE LCh	88, 16.727, 6.336
Yxy	72.0653, 0.3403, 0.3210
Android (android.graphics.Color)	4294890202 (0xFF FED2DA)
YUV	224.0680, -2.9915, 26.2504
Hunter-Lab	84.8913, 12.0916, 6.2961

Details

The CIELCh color **88, 16.727, 6.336** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 15.533, 183.130**, 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, 16.963, 6.132** is the 20% darker color. If you saturate the color by 10%, you get **82, 27.055, 7.625**, and if you desaturate by 10%, it is **95, 6.877, 5.231**.

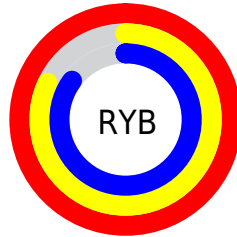
Distribution



Red (100%)

Green (82%)

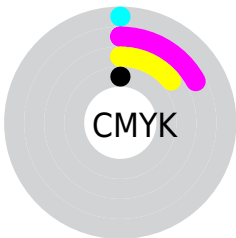
Blue (85%)



Red (100%)

Yellow (82%)

Blue (85%)

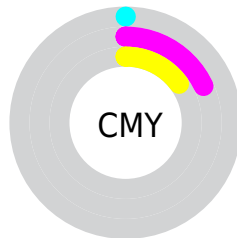


Cyan (0%)

Magenta (17%)

Yellow (14%)

Black (0%)



Cyan (0%)

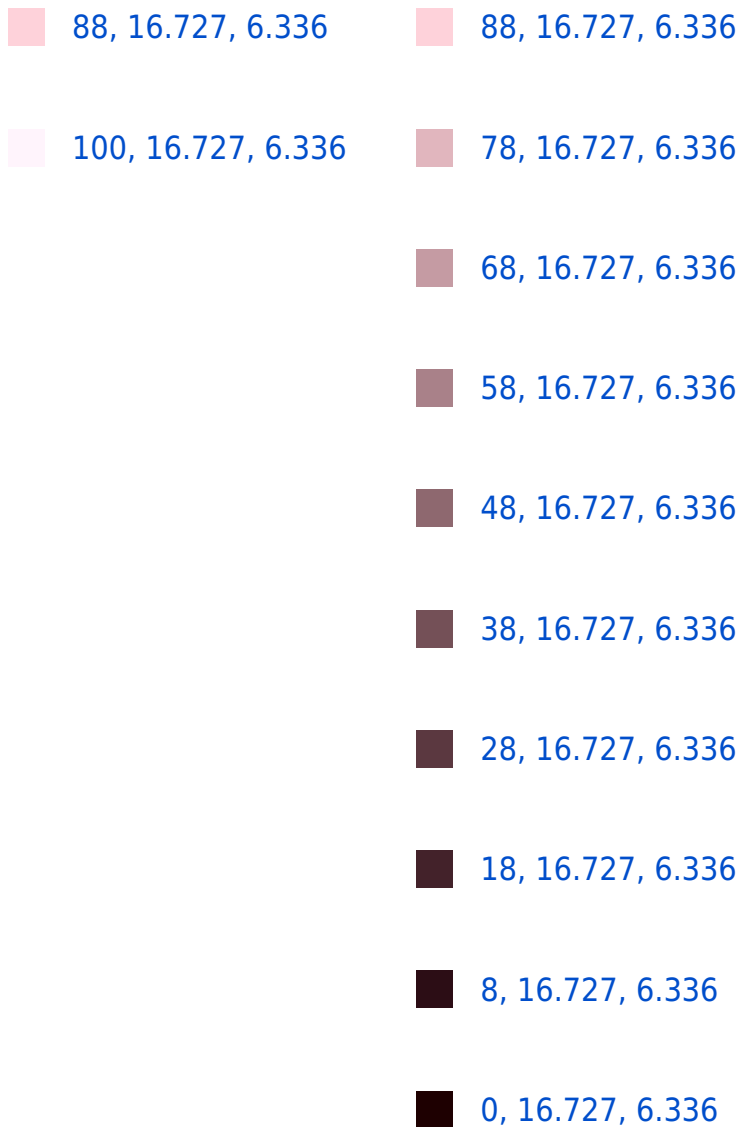
Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 16.727, 6.336 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, 16.727, 6.336 by changing the saturation by 10% instead.



88, 16.727, 6.336

88, 16.727, 6.336

82, 27.055, 7.625

95, 6.877, 5.231

75, 37.751, 9.181

100, 0.436,
200.898

70, 48.594, 11.113

65, 59.254, 13.552

60, 69.319, 16.651

57, 78.397, 20.550

55, 86.275, 25.277

53, 92.988, 30.555

53, 94.704, 31.901

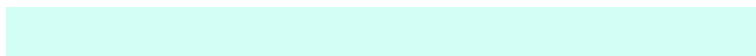
Harmonies

Complementary

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



88, 16.727, 6.336



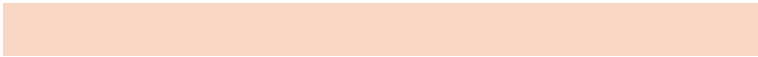
96, 15.533, 183.130

Rectangle

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



88, 16.727, 6.336



88, 16.727, 56.336



88, 16.727, 186.336



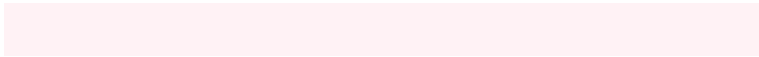
88, 16.727, 236.336

Sweetspot

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



88, 16.725, 6.342



97, 4.687, 4.968



88, 26.170, 320.084



51, 3.204, 5.050



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

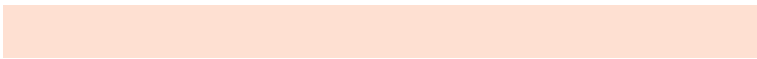
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 16.725, 6.342



86, 20.558, 6.789



91, 13.377, 52.355



50, 5.396, 5.469



40, 75.852, 30.925



10, 32.092, 19.616

Inverse Universe

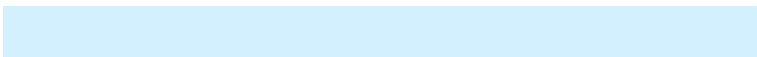
The Inverse Universe completely reimagines the original color for something new.



88, 16.725, 6.342



86, 20.558, 6.789



93, 12.157, 235.260



50, 5.396, 5.469



40, 75.852, 30.925



10, 32.092, 19.616

Previews

White Background



This preview shows how the CIELCh color 88, 16.727, 6.336 looks on a white background.

Color Contrast Check

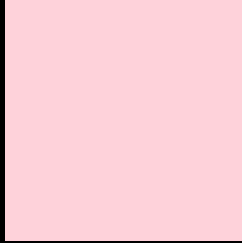
Large Text (above 18pt) WCAG AA × Fail

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, 16.727, 6.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

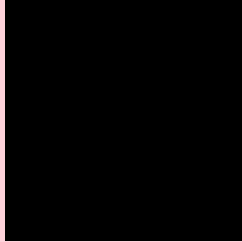
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 16.727, 6.336

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.727, 6.336.

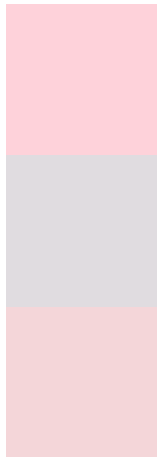


This preview shows how white text looks on a background with the CIELCh color 88, 16.727, 6.336.

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, 16.743, 6.343

Protanopia

88, 2.553, 324.430

Deuteranopia

88, 11.138, 12.160



Tritanopia
88, 18.708, 354.511

Trichromacy



Original Color
88, 16.743, 6.343

Protanomaly
88, 7.580, 355.569

Deuteranomaly
88, 13.512, 9.334

Tritanomaly
88, 18.146, 358.997

Monochromacy



Original Color
88, 16.743, 6.343

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, 16.727, 6.336 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, 210, 218)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 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(254, 210, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 16.727, 6.336 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, 210, 218) }
```

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

```
.border{ border-color:rgb(254, 210, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 210, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 218);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 16.727, 6.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 218) }
```

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

```
.background{ background-color: rgb(254,  
210, 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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