Converting Colors

CIELCh(85, 21.669, 18.351)

Have a look what the booklet for CIELCh(85, 21.669, 18.351) contains.

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Color

CIELCh(85, 21.669, 18.351)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6C8
RGB	255, 198, 200
RGB Percent	100%, 78%, 78%
CMY	0.0000, 0.2225, 0.2146
CMYK	0.00, 0.22, 0.21, 0.00
HSL	358°, 100%, 89%
HSV	358°, 22%, 100%
XYZ	72.0562, 66.0070, 63.7500
YIQ	215.2710, 33.3300, 12.7060

Conversions

Conversions Part 2

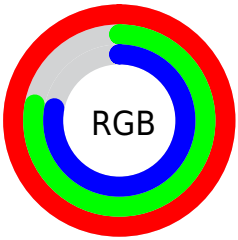
Format	Color
RYB	255, 198, 200
Decimal	16762568
CIELab	85.00, 20.57, 6.82
CIELCh	85, 21.669, 18.351
Yxy	66.0070, 0.3570, 0.3271
Android (android.graphics.Color)	4294952648 (0xFFFFC6C8)
YUV	215.2710, -7.5286, 34.8423
Hunter-Lab	81.2447, 16.1339, 10.3484

Details

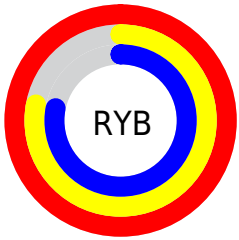
The CIELCh color 85, 21.669, 18.351 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 96, 18.753, 195.118, and the grayscale version is 86, 0.010, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 65, 21.464, 18.626 is the 20% darker color. If you saturate the color by 10%, you get 79, 32.368, 19.576, and if you desaturate by 10%, it is 92, 11.434, 17.343.

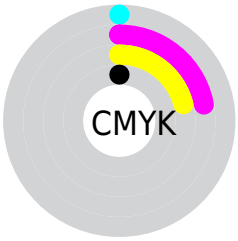
Distribution



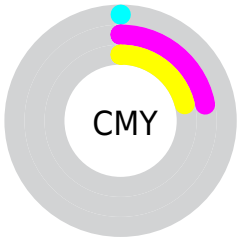
- Red (100%)
- Green (78%)
- Blue (78%)



- Red (100%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.669, 18.351 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 85, 21.669, 18.351 by changing the saturation by 10% instead.

85, 21.669, 18.351

100, 21.669, 18.351

85, 21.669, 18.351

75, 21.669, 18.351

65, 21.669, 18.351

55, 21.669, 18.351

45, 21.669, 18.351

35, 21.669, 18.351

25, 21.669, 18.351

15, 21.669, 18.351

5, 21.669, 18.351

0, 21.669, 18.351

85, 21.669, 18.351

79, 32.368, 19.576

73, 43.773, 21.171

67, 55.570, 23.236

62, 67.444, 25.890

58, 78.986, 29.207

55, 89.681, 33.076

54, 98.608, 36.927

53, 103.223, 39.046

85, 21.669, 18.351

92, 11.434, 17.343

98, 2.021, 16.311

100, 0.012, 296.813

Harmonies

Complementary

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

85, 21.669, 18.351

96, 18.753, 195.118

Rectangle

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

85, 21.669, 18.351

85, 21.669, 68.351

85, 21.669, 198.351

85, 21.669, 248.351

Sweetspot

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

85, 21.556, 18.334

95, 6.408, 16.876

86, 35.078, 324.246

50, 4.173, 16.930

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

85, 21.556, 18.334

82, 26.615, 18.887

91, 17.839, 67.223

49, 5.254, 17.099

40, 82.701, 38.646

10, 33.080, 25.770

Inverse Universe

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

85, 21.556, 18.334

82, 26.615, 18.887

90, 16.480, 252.967

49, 5.254, 17.099

40, 82.701, 38.646

10, 33.080, 25.770

Previews

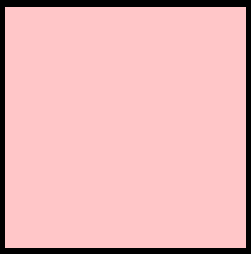
White Background

This preview shows how the CIELCh color 85, 21.669, 18.351 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



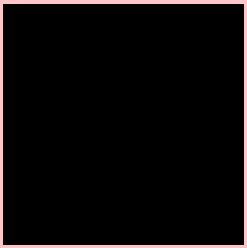
This preview shows how the CIELCh color 85, 21.669, 18.351 looks on a black background.

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 85, 21.669, 18.351 Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.669, 18.351.

This preview shows how white text looks on a background with the CIELCh color 85, 21.669, 18.351.

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
85, 21.669, 18.351

Protanopia
85, 2.763, 68.549

Deuteranopia
85, 12.865, 34.330

Tritanopia
85, 22.877, 1.299

Trichromacy

Original Color
85, 21.669, 18.351

Protanomaly
85, 8.983, 26.678

Deuteranomaly
85, 15.690, 28.151

Tritanomaly
85, 22.407, 6.416

Monochromacy

Original Color
85, 21.669, 18.351

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.753, 16.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.669, 18.351 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, 198, 200) looks like.

```
.text, #text, p{
    color:rgb(255, 198, 200)
}
```

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, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.669, 18.351 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, 198, 200) }
```

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

```
.border{ border-color:rgb(255, 198, 200) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 198, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 198, 200); box-shadow:4px 4px 4px 4px rgb(255, 198, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.669, 18.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 198, 200) }
```

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

```
.background{ background-color:rgb(255,
198, 200) }
```

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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