

Converting Colors

CIELCh(85, 22.330, 16.559)

Have a look what the booklet for
CIELCh(85, 22.330, 16.559) contains.

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Color

CIELCh(85, 21.655, 16.979)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6C9
RGB	255, 198, 201
RGB Percent	100%, 78%, 79%
CMY	0.0000, 0.2227, 0.2110
CMYK	0.00, 0.22, 0.21, 0.00
HSL	357°, 100%, 89%
HSV	357°, 22%, 100%
XYZ	72.1245, 66.0070, 64.3215
YIQ	215.3850, 33.0090, 13.0170

Conversions

Conversions Part 2

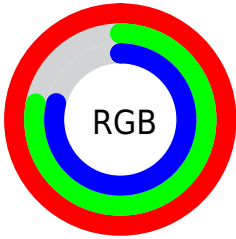
Format	Color
R_{YB}	255, 198, 201
Decimal	16762569
CIE _{Lab}	85.00, 20.71, 6.32
CIE _{LCh}	85, 21.655, 16.979
Yxy	66.0070, 0.3563, 0.3260
Android (android.graphics.Color)	4294952649 (0xFFFFC6C9)
YUV	215.3850, -7.0918, 34.7424
Hunter-Lab	81.2447, 16.2840, 9.9313

Details

The CIELCh color **85, 21.655, 16.979** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.857, 193.556**, 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, 21.439, 17.165** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.332, 18.239**, and if you desaturate by 10%, it is **92, 11.467, 15.935**.

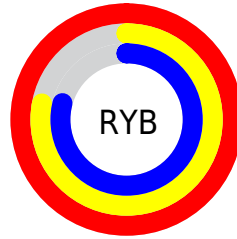
Distribution



Red (100%)

Green (78%)

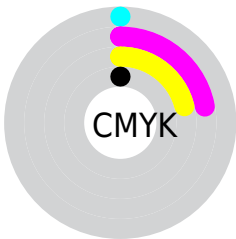
Blue (79%)



Red (100%)

Yellow (78%)

Blue (79%)

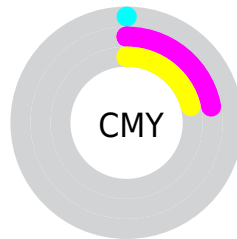


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.655, 16.979 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, 21.655, 16.979 by changing the saturation by 10% instead.

 85, 21.655, 16.979

 85, 21.655, 16.979

 100, 21.655,
16.979

 75, 21.655, 16.979

 65, 21.655, 16.979

 55, 21.655, 16.979

 45, 21.655, 16.979

 35, 21.655, 16.979

 25, 21.655, 16.979

 15, 21.655, 16.979

 5, 21.655, 16.979

 0, 21.655, 16.979

85, 21.655, 16.979

85, 21.655, 16.979

79, 32.332, 18.239

92, 11.467, 15.935

73, 43.646, 19.867

98, 2.048, 14.871

67, 55.305, 21.964

100, 0.012,
296.813

62, 66.989, 24.656

58, 78.294, 28.028

56, 88.760, 32.006

54, 97.647, 36.101

53, 102.552,
38.553

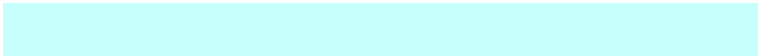
Harmonies

Complementary

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



85, 21.655, 16.979



96, 18.857, 193.556

Rectangle

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



85, 21.655, 16.979



85, 21.655, 66.979



85, 21.655, 196.979



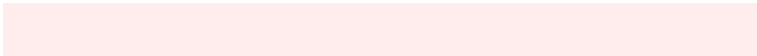
85, 21.655, 246.979

Sweetspot

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



85, 21.570, 16.962



95, 6.417, 15.446



86, 34.956, 323.768



50, 4.178, 15.503



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, 21.570, 16.962



82, 26.581, 17.529



91, 17.760, 65.366



49, 5.259, 15.678



40, 82.017, 38.007



10, 32.943, 25.058

Inverse Universe

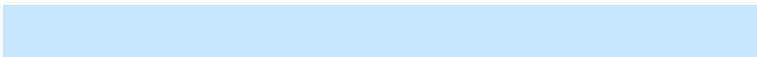
The Inverse Universe completely reimagines the original color for something new.



85, 21.570, 16.962



82, 26.581, 17.529



90, 16.301, 250.953



49, 5.259, 15.678



40, 82.017, 38.007



10, 32.943, 25.058

Previews

White Background



This preview shows how the CIELCh color 85, 21.655, 16.979 looks on a white background.

Color Contrast Check

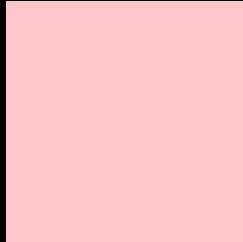
Large Text (above 18pt) WCAG AA × Fail

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 85, 21.655, 16.979 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, 21.655, 16.979

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.655, 16.979.



This preview shows how white text looks on a background with the CIELCh color 85, 21.655, 16.979.

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, 21.655, 16.979

Protanopia

85, 2.392, 60.298

Deuteranopia

85, 12.721, 32.089



Tritanopia
85, 22.877, 1.299

Trichromacy



Original Color
85, 21.655, 16.979

Protanomaly
85, 8.921, 23.362

Deuteranomaly
85, 15.597, 26.279

Tritanomaly
85, 22.407, 6.416

Monochromacy



Original Color
85, 21.655, 16.979

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.374, 15.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.655, 16.979 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.655, 16.979 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, 201) }
```

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

```
.border{ border-color:rgb(255, 198, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.655, 16.979 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, 201) }
```

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

```
.background{ background-color: rgb(255,  
198, 201) }
```

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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