

Converting Colors

CIELCh(85, 21.845, 3.689)

Have a look what the booklet for
CIELCh(85, 21.845, 3.689) contains.

CIELCh(85, 21.756, 4.473)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(85, 21.756, 4.473)

Conversions

Conversions Part 1

Format	Color
Hex	FEC6D2
RGB	254, 198, 210
RGB Percent	100%, 78%, 82%
CMY	0.0045, 0.2241, 0.1771
CMYK	0.00, 0.22, 0.17, 0.00
HSL	347°, 96%, 89%
HSV	347°, 22%, 100%
XYZ	72.5898, 66.0070, 69.7900
YIQ	216.1120, 29.5240, 15.6040

Conversions

Conversions Part 2

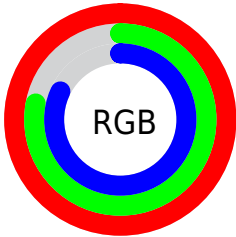
Format	Color
R_{YB}	254, 198, 210
Decimal	16697042
CIE _{Lab}	85.00, 21.69, 1.70
CIE _{LCh}	85, 21.756, 4.473
Yxy	66.0070, 0.3483, 0.3168
Android (android.graphics.Color)	4294887122 (0xFFFE6D2)
YUV	216.1120, -3.0132, 33.2278
Hunter-Lab	81.2447, 17.3063, 5.9406

Details

The CIELCh color **85, 21.756, 4.473** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 19.947, 180.132**, 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, 21.885, 4.163** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.289, 5.880**, and if you desaturate by 10%, it is **92, 11.604, 3.292**.

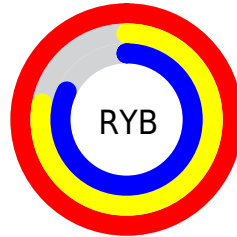
Distribution



Red (100%)

Green (78%)

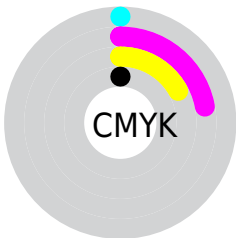
Blue (82%)



Red (100%)

Yellow (78%)

Blue (82%)

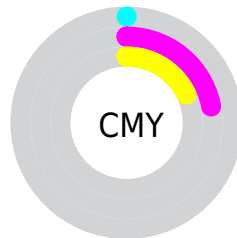


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.756, 4.473 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, 21.756, 4.473 by changing the saturation by 10% instead.



85, 21.756, 4.473

85, 21.756, 4.473

79, 32.289, 5.880

92, 11.604, 3.292

73, 43.036, 7.590

98, 1.931, 2.045

67, 53.703, 9.719

100, 0.402,
201.029

63, 63.897, 12.412

59, 73.179, 15.829

56, 81.215, 20.104

54, 87.958, 25.212

53, 92.681, 29.538

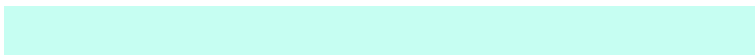
Harmonies

Complementary

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



85, 21.756, 4.473



96, 19.947, 180.132

Rectangle

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



85, 21.756, 4.473



85, 21.756, 54.473



85, 21.756, 184.473



85, 21.756, 234.473

Sweetspot

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



85, 21.753, 4.478



95, 6.676, 2.736



85, 33.148, 319.284



50, 4.345, 2.803



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, 21.753, 4.478



83, 25.967, 5.001



88, 17.481, 48.268



50, 5.457, 3.011



40, 74.254, 28.510



10, 31.901, 18.001

Inverse Universe

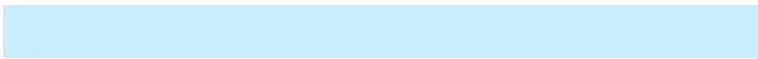
The Inverse Universe completely reimagines the original color for something new.



85, 21.753, 4.478



83, 25.967, 5.001



92, 15.293, 231.336



50, 5.457, 3.011



40, 74.254, 28.510



10, 31.901, 18.001

Previews

White Background



This preview shows how the CIELCh color 85, 21.756, 4.473 looks on a white background.

Color Contrast Check

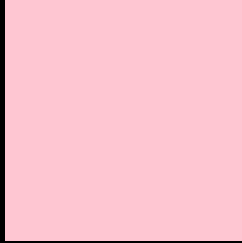
Large Text (above 18pt) WCAG AA × Fail

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, 21.756, 4.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

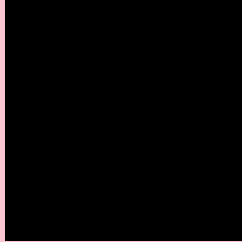
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 21.756, 4.473

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.756, 4.473.

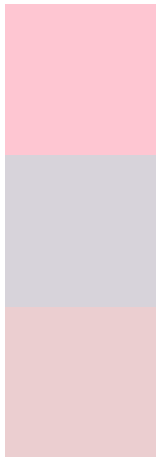


This preview shows how white text looks on a background with the CIELCh color 85, 21.756, 4.473.

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, 21.756, 4.473

Protanopia
85, 3.976, 311.620

Deuteranopia
85, 10.805, 14.636



Tritanopia
85, 22.674, 359.673

Trichromacy



Original Color
85, 21.756, 4.473

Protanomaly
85, 9.652, 350.827

Deuteranomaly
85, 14.823, 8.347

Tritanomaly
85, 22.523, 0.931

Monochromacy



Original Color
85, 21.756, 4.473

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.128, 1.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.756, 4.473 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, 198, 210)` looks like.

```
.text, #text, p{  
    color:rgb(254, 198, 210)  
}
```

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, 198, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 198, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.756, 4.473 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, 198, 210) }
```

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

```
.border{ border-color:rgb(254, 198, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 198, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 198, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 198, 210);  
box-shadow:4px 4px 4px 4px rgb(254, 198,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.756, 4.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 198, 210) }
```

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

```
.background{ background-color: rgb(254,  
198, 210) }
```

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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