

Converting Colors

CIELCh(85, 21.658, 5.545)

Have a look what the booklet for
CIELCh(85, 21.658, 5.545) contains.

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Color

CIELCh(85, 21.650, 5.814)

Conversions

Conversions Part 1

Format	Color
Hex	FEC6D1
RGB	254, 198, 209
RGB Percent	100%, 78%, 82%
CMY	0.0042, 0.2238, 0.1807
CMYK	0.00, 0.22, 0.18, 0.00
HSL	348°, 96%, 89%
HSV	348°, 22%, 100%
XYZ	72.5178, 66.0070, 69.1890
YIQ	215.9980, 29.8450, 15.2930

Conversions

Conversions Part 2

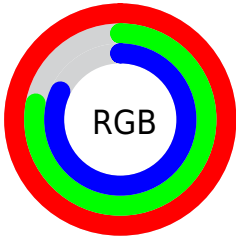
Format	Color
RYB	254, 198, 209
Decimal	16697041
CIELab	85.00, 21.54, 2.19
CIELCh	85, 21.650, 5.814
Yxy	66.0070, 0.3491, 0.3178
Android (android.graphics.Color)	4294887121 (0xFFFE6D1)
YUV	215.9980, -3.4500, 33.3278
Hunter-Lab	81.2447, 17.1482, 6.3792

Details

The CIELCh color **85, 21.650, 5.814** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 19.753, 181.523**, 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, 21.777, 5.571** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.178, 7.222**, and if you desaturate by 10%, it is **92, 11.532, 4.637**.

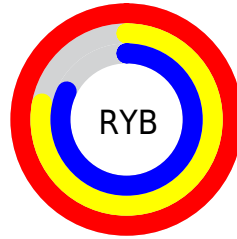
Distribution



Red (100%)

Green (78%)

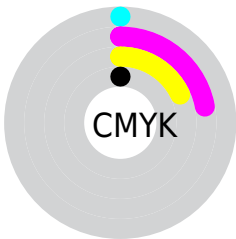
Blue (82%)



Red (100%)

Yellow (78%)

Blue (82%)

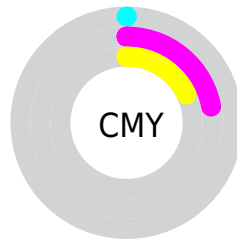


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (0%)



Cyan (0%)

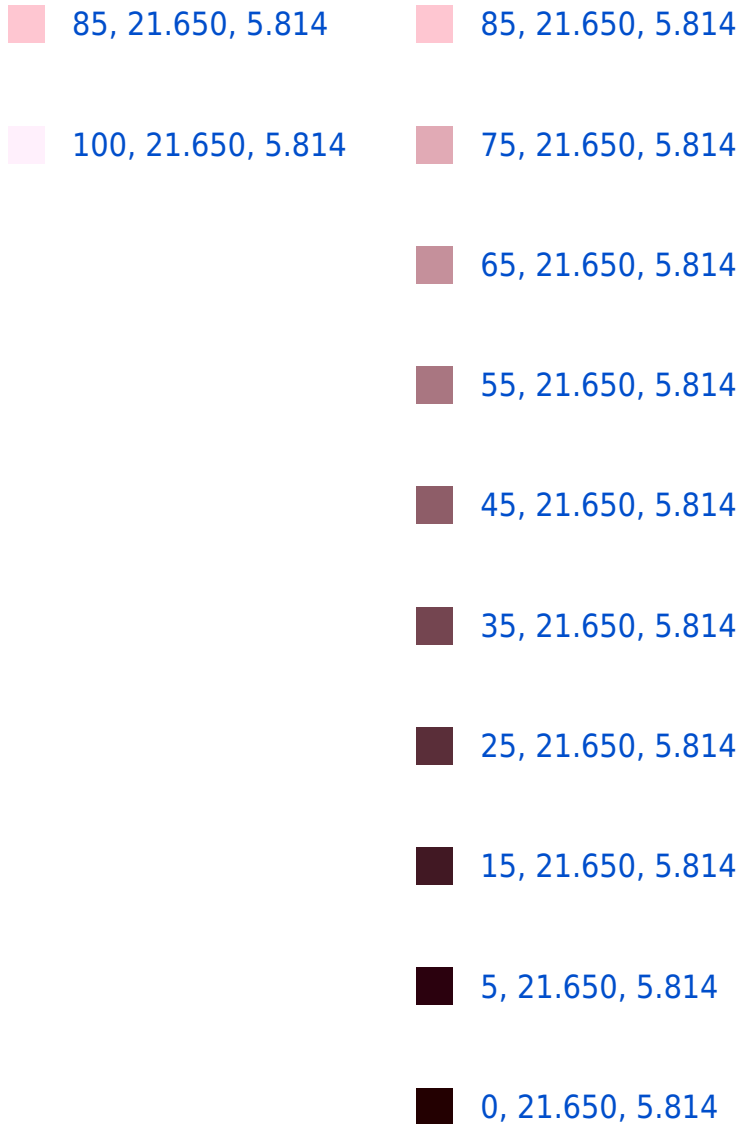
Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.650, 5.814 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, 21.650, 5.814 by changing the saturation by 10% instead.



85, 21.650, 5.814

85, 21.650, 5.814

79, 32.178, 7.222

92, 11.532, 4.637

73, 42.955, 8.939

98, 1.913, 3.393

67, 53.699, 11.084

100, 0.376,
201.146

63, 64.025, 13.800

59, 73.504, 17.246

56, 81.809, 21.540

54, 88.869, 26.626

53, 93.824, 30.870

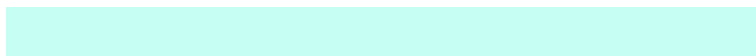
Harmonies

Complementary

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



85, 21.650, 5.814



96, 19.753, 181.523

Rectangle

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



85, 21.650, 5.814



85, 21.650, 55.814



85, 21.650, 185.814



85, 21.650, 235.814

Sweetspot

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



85, 21.647, 5.819



95, 6.632, 4.085



85, 33.288, 319.795



50, 4.316, 4.151



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, 21.647, 5.819



83, 25.853, 6.342



89, 17.406, 50.156



50, 5.422, 4.359



40, 75.124, 29.867



10, 32.005, 18.915

Inverse Universe

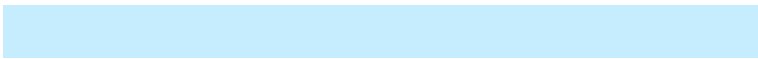
The Inverse Universe completely reimagines the original color for something new.



85, 21.647, 5.819



83, 25.853, 6.342



92, 15.292, 233.572



50, 5.422, 4.359



40, 75.124, 29.867



10, 32.005, 18.915

Previews

White Background



This preview shows how the CIELCh color 85, 21.650, 5.814 looks on a white background.

Color Contrast Check

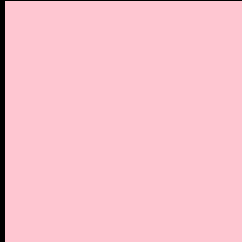
Large Text (above 18pt) WCAG AA × Fail

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, 21.650, 5.814 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, 21.650, 5.814

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.650, 5.814.

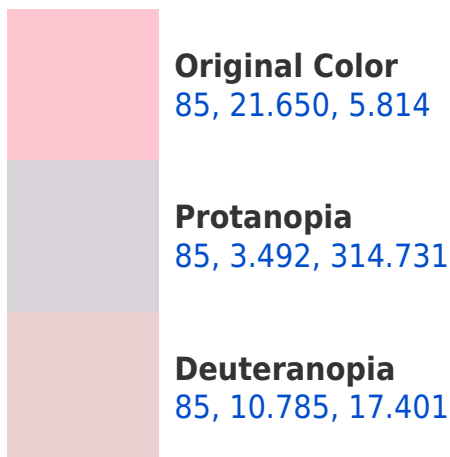


This preview shows how white text looks on a background with the CIELCh color 85, 21.650, 5.814.

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





Tritanopia
85, 22.674, 359.673

Trichromacy



Original Color
85, 21.650, 5.814

Protanomaly
85, 9.415, 353.627

Deuteranomaly
85, 14.747, 10.342

Tritanomaly
85, 22.523, 0.931

Monochromacy



Original Color
85, 21.650, 5.814

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.984, 4.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.650, 5.814 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(254, 198, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 198, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.650, 5.814 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, 209) }
```

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

```
.border{ border-color:rgb(254, 198, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 198, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 198, 209);  
box-shadow:4px 4px 4px 4px rgb(254, 198,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.650, 5.814 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, 209) }
```

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

```
.background{ background-color: rgb(254,  
198, 209) }
```

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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