

Converting Colors

CIELCh(85, 22.150, 1.863)

Have a look what the booklet for
CIELCh(85, 22.150, 1.863) contains.

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Color

CIELCh(85, 22.006, 1.836)

Conversions

Conversions Part 1

Format	Color
Hex	FEC6D4
RGB	254, 198, 212
RGB Percent	100%, 78%, 83%
CMY	0.0051, 0.2246, 0.1698
CMYK	0.00, 0.22, 0.17, 0.01
HSL	345°, 96%, 89%
HSV	345°, 22%, 99%
XYZ	72.7352, 66.0070, 71.0010
YIQ	216.3400, 28.8820, 16.2260

Conversions

Conversions Part 2

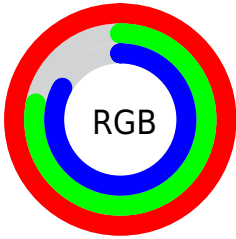
Format	Color
R_{YB}	254, 198, 212
Decimal	16697044
CIE Lab	85.00, 21.99, 0.71
CIE LCh	85, 22.006, 1.836
Yxy	66.0070, 0.3468, 0.3147
Android (android.graphics.Color)	4294887124 (0xFFFE6D4)
YUV	216.3400, -2.1396, 33.0278
Hunter-Lab	81.2447, 17.6258, 5.0569

Details

The CIELCh color **85, 22.006, 1.836** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 20.368, 177.431**, 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, 22.007, 2.771** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.570, 3.232**, and if you desaturate by 10%, it is **91, 11.770, 0.655**.

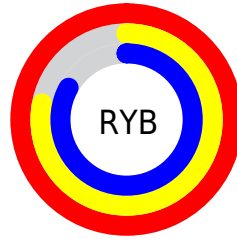
Distribution



Red (100%)

Green (78%)

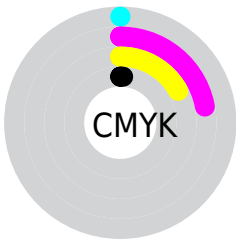
Blue (83%)



Red (100%)

Yellow (78%)

Blue (83%)

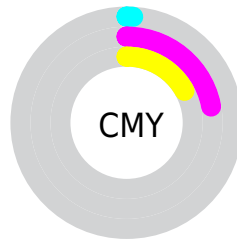


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (1%)



Cyan (1%)

Magenta (22%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 22.006, 1.836 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, 22.006, 1.836 by changing the saturation by 10% instead.



85, 22.006, 1.836

85, 22.006, 1.836

79, 32.570, 3.232

91, 11.770, 0.655

73, 43.277, 4.917

98, 1.971, 359.410

67, 53.817, 7.002

100, 0.454,
200.837

63, 63.774, 9.629

59, 72.687, 12.965

56, 80.210, 17.165

54, 86.313, 22.261

53, 90.517, 26.685

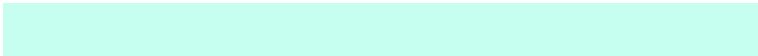
Harmonies

Complementary

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



85, 22.006, 1.836



96, 20.368, 177.431

Rectangle

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



85, 22.006, 1.836



85, 22.006, 51.836



85, 22.006, 181.836



85, 22.006, 231.836

Sweetspot

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



85, 22.003, 1.840



95, 6.776, 0.096



85, 32.877, 318.252



50, 4.409, 0.163



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

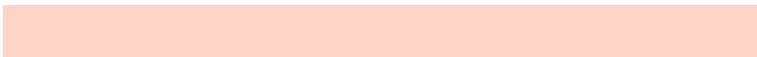
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 22.003, 1.840



83, 26.239, 2.360



88, 17.689, 44.548



50, 5.536, 0.372



40, 72.626, 25.625



10, 31.700, 15.991

Inverse Universe

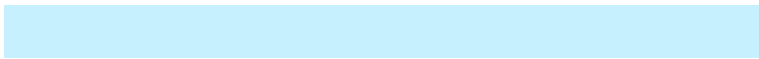
The Inverse Universe completely reimagines the original color for something new.



85, 22.003, 1.840



83, 26.239, 2.360



92, 15.362, 226.890



50, 5.536, 0.372



40, 72.626, 25.625



10, 31.700, 15.991

Previews

White Background



This preview shows how the CIELCh color 85, 22.006, 1.836 looks on a white background.

Color Contrast Check

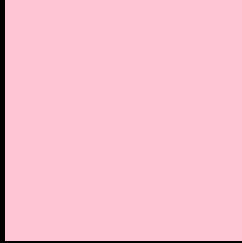
Large Text (above 18pt) WCAG AA × Fail

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, 22.006, 1.836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

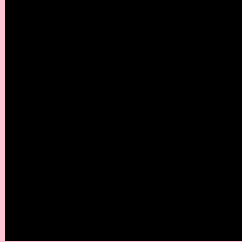
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 22.006, 1.836

Background



This preview shows how black text looks on a background with the CIELCh color 85, 22.006, 1.836.

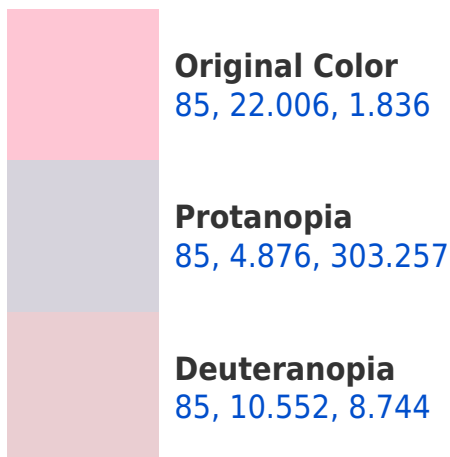


This preview shows how white text looks on a background with the CIELCh color 85, 22.006, 1.836.

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, 22.150, 0.542

Trichromacy



Original Color
85, 22.006, 1.836

Protanomaly
85, 9.894, 344.416

Deuteranomaly
85, 14.668, 3.986

Tritanomaly
85, 22.150, 0.542

Monochromacy



Original Color
85, 22.006, 1.836

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, 22.006, 1.836 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(254, 198, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 198, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 22.006, 1.836 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, 212) }
```

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

```
.border{ border-color:rgb(254, 198, 212) }
```

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, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 198, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 198, 212);  
box-shadow:4px 4px 4px 4px rgb(254, 198,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 22.006, 1.836 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, 212) }
```

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

```
.background{ background-color: rgb(254,  
198, 212) }
```

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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