

Converting Colors

CIELCh(85, 22.058, 19.921)

Have a look what the booklet for
CIELCh(85, 22.058, 19.921) contains.

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Color

CIELCh(85, 21.696, 19.720)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6C7
RGB	255, 198, 199
RGB Percent	100%, 78%, 78%
CMY	0.0000, 0.2222, 0.2183
CMYK	0.00, 0.22, 0.22, 0.00
HSL	359°, 100%, 89%
HSV	359°, 22%, 100%
XYZ	71.9882, 66.0070, 63.1819
YIQ	215.1570, 33.6510, 12.3950

Conversions

Conversions Part 2

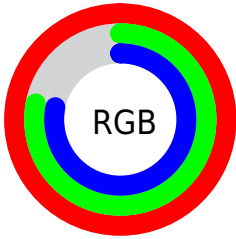
Format	Color
R _Y B	255, 198, 199
Decimal	16762567
CIE Lab	85.00, 20.42, 7.32
CIE LCh	85, 21.696, 19.720
Yxy	66.0070, 0.3578, 0.3281
Android (android.graphics.Color)	4294952647 (0xFFFFC6C7)
YUV	215.1570, -7.9654, 34.9423
Hunter-Lab	81.2447, 15.9845, 10.7630

Details

The CIELCh color **85, 21.696, 19.720** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.663, 196.695**, 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, 21.504, 20.082** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.424, 20.909**, and if you desaturate by 10%, it is **92, 11.408, 18.755**.

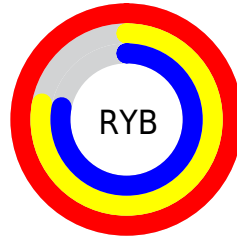
Distribution



Red (100%)

Green (78%)

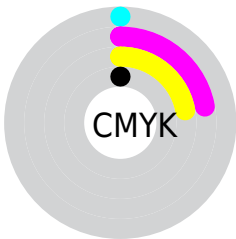
Blue (78%)



Red (100%)

Yellow (78%)

Blue (78%)

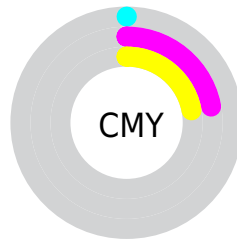


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.696, 19.720 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, 21.696, 19.720 by changing the saturation by 10% instead.

 85, 21.696, 19.720

 85, 21.696, 19.720

 100, 21.696,
19.720

 75, 21.696, 19.720

 65, 21.696, 19.720

 55, 21.696, 19.720

 45, 21.696, 19.720

 35, 21.696, 19.720

 25, 21.696, 19.720

 15, 21.696, 19.720

 5, 21.696, 19.720

 0, 21.696, 19.720

85, 21.696, 19.720

85, 21.696, 19.720

79, 32.424, 20.909

92, 11.408, 18.755

73, 43.924, 22.467

98, 1.995, 17.758

67, 55.865, 24.494

100, 0.012,
296.813

62, 67.934, 27.105

58, 79.711, 30.357

55, 90.616, 34.100

54, 99.518, 37.677

53, 103.882,
39.517

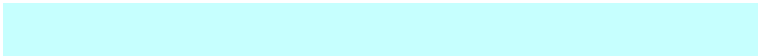
Harmonies

Complementary

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



85, 21.696, 19.720



96, 18.663, 196.695

Rectangle

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



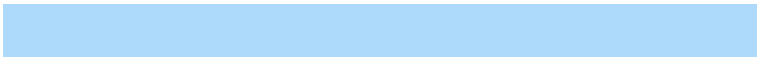
85, 21.696, 19.720



85, 21.696, 69.720



85, 21.696, 199.720



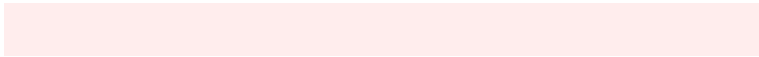
85, 21.696, 249.720

Sweetspot

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



85, 21.556, 19.706



95, 6.404, 18.311



86, 35.201, 324.720



50, 4.171, 18.363



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, 19.706



82, 26.664, 20.244



91, 17.937, 69.057



49, 5.252, 18.524



40, 83.438, 39.311



10, 33.222, 26.478

Inverse Universe

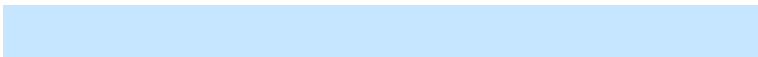
The Inverse Universe completely reimagines the original color for something new.



85, 21.556, 19.706



82, 26.664, 20.244



89, 16.679, 254.932



49, 5.252, 18.524



40, 83.438, 39.311



10, 33.222, 26.478

Previews

White Background



This preview shows how the CIELCh color 85, 21.696, 19.720 looks on a white background.

Color Contrast Check

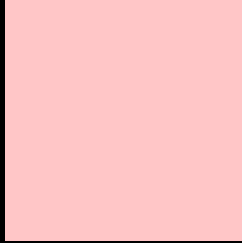
Large Text (above 18pt) WCAG AA × Fail

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, 21.696, 19.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

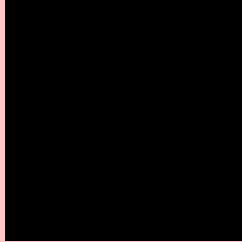
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 21.696, 19.720

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.696, 19.720.

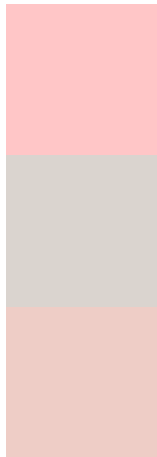


This preview shows how white text looks on a background with the CIELCh color 85, 21.696, 19.720.

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, 21.696, 19.720

Protanopia

85, 3.402, 69.637

Deuteranopia

85, 13.028, 36.518



Tritanopia
85, 22.877, 1.299

Trichromacy



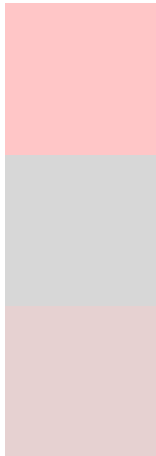
Original Color
85, 21.696, 19.720

Protanomaly
85, 9.075, 29.938

Deuteranomaly
85, 15.801, 29.999

Tritanomaly
85, 22.320, 7.727

Monochromacy



Original Color
85, 21.696, 19.720

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.747, 19.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.696, 19.720 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.696, 19.720 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, 199) }
```

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

```
.border{ border-color:rgb(255, 198, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.696, 19.720 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
198, 199) }
```

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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