

Converting Colors

CIELCh(85, 24.127, 21.874)

Have a look what the booklet for
CIELCh(85, 24.127, 21.874) contains.

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Color

CIELCh(85, 22.205, 22.459)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6C5
RGB	255, 198, 197
RGB Percent	100%, 78%, 77%
CMY	0.0000, 0.2228, 0.2268
CMYK	0.00, 0.22, 0.23, 0.00
HSL	1°, 100%, 89%
HSV	1°, 23%, 100%
XYZ	72.0342, 66.0070, 61.8707
YIQ	214.9290, 34.2930, 11.7730

Conversions

Conversions Part 2

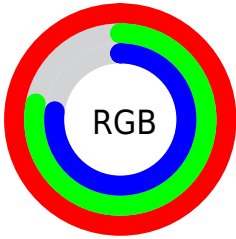
Format	Color
R_{YB}	255, 198, 197
Decimal	16762565
CIE _{Lab}	85.00, 20.52, 8.48
CIE _{LCh}	85, 22.205, 22.459
Yxy	66.0070, 0.3603, 0.3302
Android (android.graphics.Color)	4294952645 (0xFFFFC6C5)
YUV	214.9290, -8.8390, 35.1423
Hunter-Lab	81.2447, 16.0858, 11.7199

Details

The CIELCh color **85, 22.205, 22.459** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.618, 199.883**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **65, 21.628, 22.972** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.521, 23.552**, and if you desaturate by 10%, it is **91, 11.661, 21.608**.

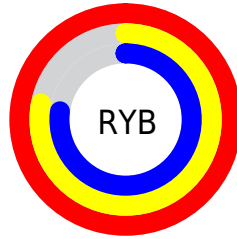
Distribution



Red (100%)

Green (78%)

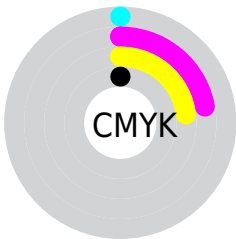
Blue (77%)



Red (100%)

Yellow (78%)

Blue (77%)

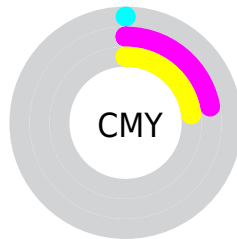


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 22.205, 22.459 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, 22.205, 22.459 by changing the saturation by 10% instead.

 85, 22.205, 22.459

 85, 22.205, 22.459

 100, 22.205,
22.459

 75, 22.205, 22.459

 65, 22.205, 22.459

 55, 22.205, 22.459

 45, 22.205, 22.459

 35, 22.205, 22.459

 25, 22.205, 22.459

 15, 22.205, 22.459

 5, 22.205, 22.459

 0, 22.205, 22.459

85, 22.205, 22.459

85, 22.205, 22.459

79, 32.521, 23.552

91, 11.661, 21.608

73, 44.017, 24.990

98, 2.366, 20.756

67, 56.035, 26.876

100, 0.012,
296.813

62, 68.285, 29.307

58, 80.341, 32.311

56, 91.521, 35.683

54, 100.375,
38.673

53, 104.366,
40.123

Harmonies

Complementary

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



85, 22.205, 22.459



96, 18.618, 199.883

Rectangle

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



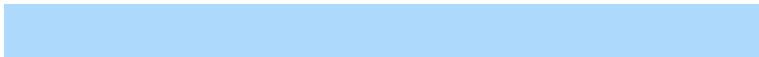
85, 22.205, 22.459



85, 22.205, 72.459



85, 22.205, 202.459



85, 22.205, 252.459

Sweetspot

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



85, 21.712, 22.457



95, 6.293, 21.182



86, 35.865, 326.141



50, 4.099, 21.228



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, 21.712, 22.457



82, 26.294, 22.895



92, 18.803, 74.314



50, 5.163, 21.370



40, 83.987, 40.176



10, 33.005, 28.029

Inverse Universe

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



96, 18.618, 199.883



95, 21.823, 199.710



88, 17.797, 260.615



52, 4.858, 200.504



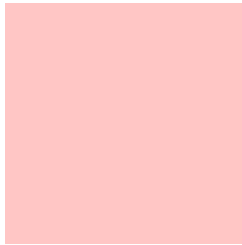
69, 39.377, 199.154



23, 18.168, 198.813

Previews

White Background



This preview shows how the CIELCh color 85, 22.205, 22.459 looks on a white background.

Color Contrast Check

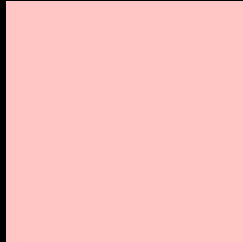
Large Text (above 18pt) WCAG AA × Fail

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, 22.205, 22.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

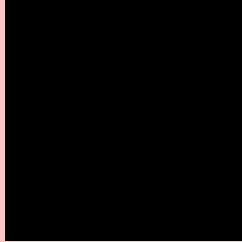
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 22.205, 22.459

Background



This preview shows how black text looks on a background with the CIELCh color 85, 22.205, 22.459.

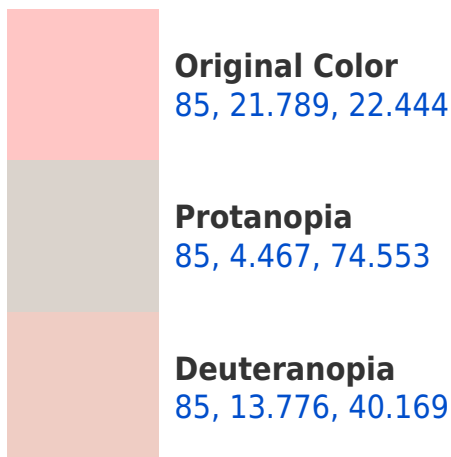


This preview shows how white text looks on a background with the CIELCh color 85, 22.205, 22.459.

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, 22.742, 2.557

Trichromacy



Original Color
85, 21.789, 22.444

Protanomaly
85, 9.577, 32.630

Deuteranomaly
85, 16.455, 33.322

Tritanomaly
85, 22.245, 9.048

Monochromacy



Original Color
85, 21.789, 22.444

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, 22.205, 22.459 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 22.205, 22.459 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, 197) }
```

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

```
.border{ border-color:rgb(255, 198, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 22.205, 22.459 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, 197) }
```

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

```
.background{ background-color: rgb(255,  
198, 197) }
```

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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