

Converting Colors

CIELCh(85, 22.228, 27.014)

Have a look what the booklet for
CIELCh(85, 22.228, 27.014) contains.

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Color

CIELCh(85, 21.712, 27.875)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7C2
RGB	255, 199, 194
RGB Percent	100%, 78%, 76%
CMY	0.0000, 0.2196, 0.2392
CMYK	0.00, 0.22, 0.24, 0.00
HSL	5°, 100%, 88%
HSV	5°, 24%, 100%
XYZ	71.4065, 66.0070, 60.0199
YIQ	215.1740, 34.9810, 10.3170

Conversions

Conversions Part 2

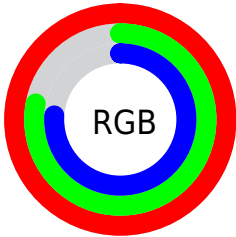
Format	Color
R _Y B	255, 199, 194
Decimal	16762818
CIE Lab	85.00, 19.19, 10.15
CIE LCh	85, 21.712, 27.875
Yxy	66.0070, 0.3617, 0.3343
Android (android.graphics.Color)	4294952898 (0xFFFFC7C2)
YUV	215.1740, -10.4388, 34.9274
Hunter-Lab	81.2447, 14.7066, 13.0705

Details

The CIELCh color **85, 21.712, 27.875** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 18.368, 206.411**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **65, 21.598, 28.701** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.065, 28.686**, and if you desaturate by 10%, it is **91, 12.117, 27.291**.

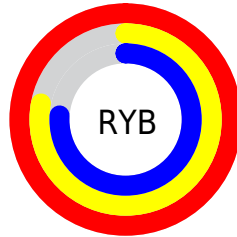
Distribution



Red (100%)

Green (78%)

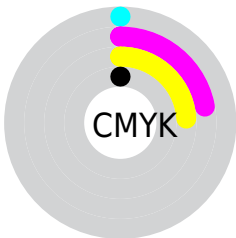
Blue (76%)



Red (100%)

Yellow (78%)

Blue (76%)

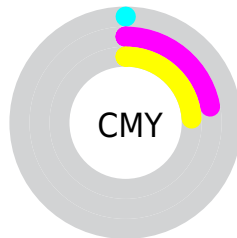


Cyan (0%)

Magenta (22%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.712, 27.875 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, 21.712, 27.875 by changing the saturation by 10% instead.

 85, 21.712, 27.875

 85, 21.712, 27.875

 100, 21.712,
27.875

 75, 21.712, 27.875

 65, 21.712, 27.875

 55, 21.712, 27.875

 45, 21.712, 27.875

 35, 21.712, 27.875

 25, 21.712, 27.875

 15, 21.712, 27.875

 5, 21.712, 27.875

 0, 21.712, 27.875

85, 21.712, 27.875

85, 21.712, 27.875

79, 32.065, 28.686

91, 12.117, 27.291

73, 43.164, 29.779

97, 3.273, 26.746

68, 54.894, 31.239

100, 0.012,
296.813

64, 67.038, 33.129

60, 79.206, 35.437

57, 90.655, 37.940

55, 99.757, 39.928

54, 103.439,
40.677

Harmonies

Complementary

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



85, 21.712, 27.875



95, 18.368, 206.411

Rectangle

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



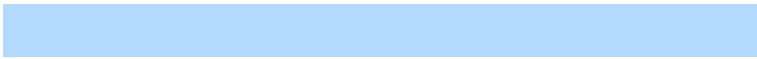
85, 21.712, 27.875



85, 21.712, 77.875



85, 21.712, 207.875



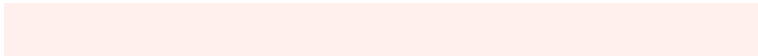
85, 21.712, 257.875

Sweetspot

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



85, 21.707, 27.883



96, 5.921, 26.944



85, 36.566, 327.649



50, 3.857, 26.975



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, 21.707, 27.883



82, 26.875, 28.260



92, 20.542, 79.145



50, 4.860, 27.071



40, 83.050, 40.879



11, 31.792, 31.193

Inverse Universe

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



95, 18.368, 206.411



94, 21.846, 206.380



87, 19.759, 265.950



52, 4.567, 206.678



65, 36.493, 210.690



22, 16.951, 208.797

Previews

White Background



This preview shows how the CIELCh color 85, 21.712, 27.875 looks on a white background.

Color Contrast Check

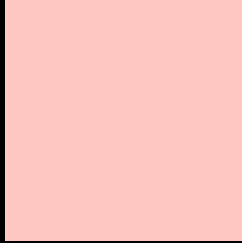
Large Text (above 18pt) WCAG AA × Fail

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, 21.712, 27.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

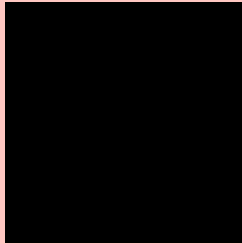
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

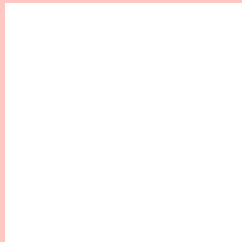
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 21.712, 27.875

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.712, 27.875.

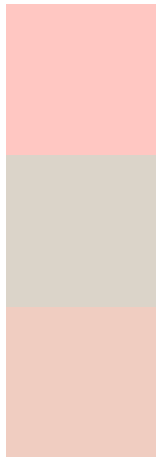


This preview shows how white text looks on a background with the CIELCh color 85, 21.712, 27.875.

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, 21.712, 27.875

Protanopia

85, 6.302, 85.339

Deuteranopia

85, 14.822, 45.212



Tritanopia
85, 22.877, 1.299

Trichromacy



Original Color
85, 21.712, 27.875

Protanomaly
85, 10.542, 46.454

Deuteranomaly
85, 16.976, 38.358

Tritanomaly
85, 21.732, 11.500

Monochromacy



Original Color
85, 21.712, 27.875

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.842, 27.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.712, 27.875 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, 199, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 194)  
}
```

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, 199, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.712, 27.875 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, 199, 194) }
```

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

```
.border{ border-color:rgb(255, 199, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.712, 27.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 194) }
```

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

```
.background{ background-color: rgb(255,  
199, 194) }
```

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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