

Converting Colors

CIELCh(100, 74.706, 27.107)

Have a look what the booklet for
CIELCh(100, 74.706, 27.107)
contains.

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Color

CIELCh(85, 22.128, 27.787)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7C2
RGB	255, 199, 194
RGB Percent	100%, 78%, 76%
CMY	0.0000, 0.2207, 0.2403
CMYK	0.00, 0.22, 0.24, 0.00
HSL	5°, 100%, 88%
HSV	5°, 24%, 100%
XYZ	71.5874, 66.0070, 59.8395
YIQ	215.1740, 34.9810, 10.3170

Conversions

Conversions Part 2

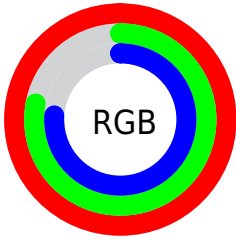
Format	Color
R _Y B	255, 199, 194
Decimal	16762818
CIE Lab	85.00, 19.58, 10.32
CIE LCh	85, 22.128, 27.787
Yxy	66.0070, 0.3626, 0.3343
Android (android.graphics.Color)	4294952898 (0xFFFFC7C2)
YUV	215.1740, -10.4388, 34.9274
Hunter-Lab	81.2447, 15.1041, 13.2022

Details

The CIELCh color **85, 22.128, 27.787** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 18.452, 206.379**, 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, 32.195, 28.673**, and if you desaturate by 10%, it is **91, 12.225, 27.270**.

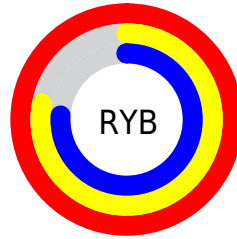
Distribution



Red (100%)

Green (78%)

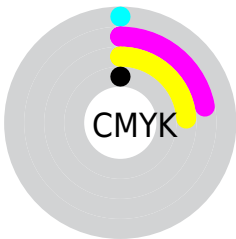
Blue (76%)



Red (100%)

Yellow (78%)

Blue (76%)

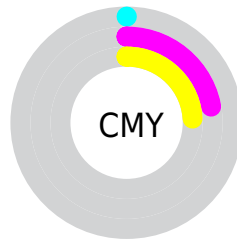


Cyan (0%)

Magenta (22%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 22.128, 27.787 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, 22.128, 27.787 by changing the saturation by 10% instead.

 85, 22.128, 27.787

 85, 22.128, 27.787

 100, 22.128,
27.787

 75, 22.128, 27.787

 65, 22.128, 27.787

 55, 22.128, 27.787

 45, 22.128, 27.787

 35, 22.128, 27.787

 25, 22.128, 27.787

 15, 22.128, 27.787

 5, 22.128, 27.787

 0, 22.128, 27.787

85, 22.128, 27.787

85, 22.128, 27.787

79, 32.195, 28.673

91, 12.225, 27.270

73, 43.304, 29.772

97, 3.370, 26.728

68, 55.042, 31.239

100, 0.012,
296.813

63, 67.189, 33.136

60, 79.354, 35.452

57, 90.787, 37.958

55, 99.845, 39.937

54, 103.445,
40.674

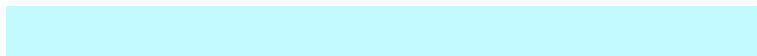
Harmonies

Complementary

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



85, 22.128, 27.787



95, 18.452, 206.379

Rectangle

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



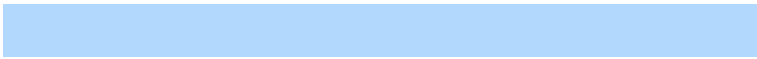
85, 22.128, 27.787



85, 22.128, 77.787



85, 22.128, 207.787



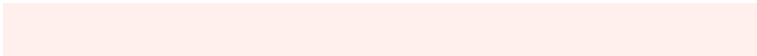
85, 22.128, 257.787

Sweetspot

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



85, 21.826, 27.865



96, 5.923, 26.916



85, 36.740, 327.656



50, 3.858, 26.948



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, 21.826, 27.865



82, 26.881, 28.235



92, 20.644, 79.129



50, 4.861, 27.044



40, 83.055, 40.875



11, 31.797, 31.179

Inverse Universe

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



95, 18.452, 206.379



94, 21.852, 206.348



87, 19.853, 265.971



52, 4.568, 206.649



65, 36.503, 210.634



22, 16.955, 208.749

Previews

White Background



This preview shows how the CIELCh color 85, 22.128, 27.787 looks on a white background.

Color Contrast Check

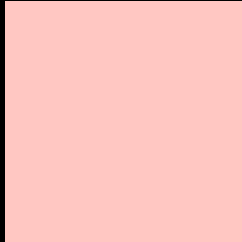
Large Text (above 18pt) WCAG AA × Fail

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, 22.128, 27.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

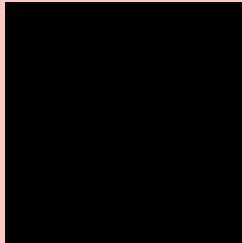
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 22.128, 27.787

Background



This preview shows how black text looks on a background with the CIELCh color 85, 22.128, 27.787.

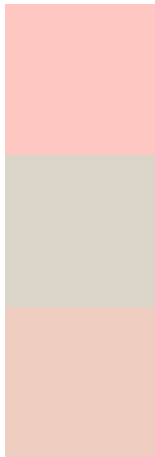


This preview shows how white text looks on a background with the CIELCh color 85, 22.128, 27.787.

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, 22.742, 2.557

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, 22.128, 27.787 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, 22.128, 27.787 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, 22.128, 27.787 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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