

Converting Colors

CIELCh(85, 21.429, 25.465)

Have a look what the booklet for
CIELCh(85, 21.429, 25.465) contains.

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Color

CIELCh(85, 21.517, 25.174)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7C4
RGB	255, 199, 196
RGB Percent	100%, 78%, 77%
CMY	0.0005, 0.2201, 0.2318
CMYK	0.00, 0.22, 0.23, 0.00
HSL	3°, 100%, 88%
HSV	3°, 23%, 100%
XYZ	71.5388, 66.0070, 61.1231
YIQ	215.4020, 34.3390, 10.9390

Conversions

Conversions Part 2

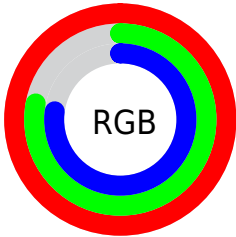
Format	Color
R _Y B	255, 199, 196
Decimal	16762820
CIE Lab	85.00, 19.47, 9.15
CIE LCh	85, 21.517, 25.174
Yxy	66.0070, 0.3601, 0.3322
Android (android.graphics.Color)	4294952900 (0xFFFFC7C4)
YUV	215.4020, -9.5652, 34.7274
Hunter-Lab	81.2447, 14.9973, 12.2654

Details

The CIELCh color **85, 21.517, 25.174** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 18.341, 203.152**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **65, 21.359, 25.853** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.065, 26.127**, and if you desaturate by 10%, it is **91, 11.729, 24.462**.

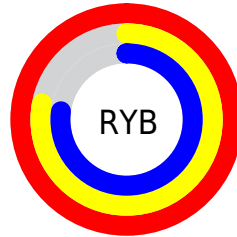
Distribution



Red (100%)

Green (78%)

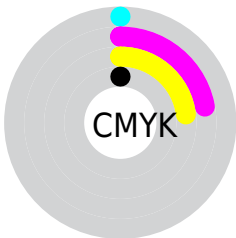
Blue (77%)



Red (100%)

Yellow (78%)

Blue (77%)

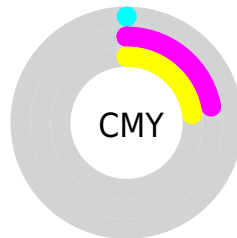


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 21.517, 25.174 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, 21.517, 25.174 by changing the saturation by 10% instead.

 85, 21.517, 25.174

 85, 21.517, 25.174

 100, 21.517,
25.174

 75, 21.517, 25.174

 65, 21.517, 25.174

 55, 21.517, 25.174

 45, 21.517, 25.174

 35, 21.517, 25.174

 25, 21.517, 25.174

 15, 21.517, 25.174

 5, 21.517, 25.174

 0, 21.517, 25.174

85, 21.517, 25.174

85, 21.517, 25.174

79, 32.065, 26.127

91, 11.729, 24.462

73, 43.335, 27.386

98, 2.694, 23.760

68, 55.191, 29.050

100, 0.044,
214.520

63, 67.388, 31.197

59, 79.523, 33.837

56, 90.890, 36.761

54, 99.960, 39.253

54, 103.918,
40.365

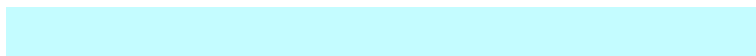
Harmonies

Complementary

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



85, 21.517, 25.174



95, 18.341, 203.152

Rectangle

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



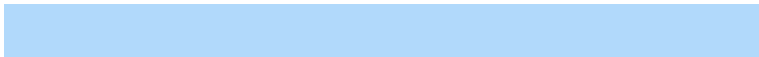
85, 21.517, 25.174



85, 21.517, 75.174



85, 21.517, 205.174



85, 21.517, 255.174

Sweetspot

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



85, 21.515, 25.181



95, 6.093, 24.077



86, 35.775, 327.113



50, 3.969, 24.116



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

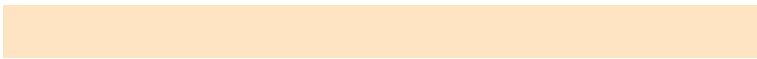
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 21.515, 25.181



82, 26.553, 25.606



92, 19.613, 77.621



50, 5.000, 24.234



40, 83.532, 40.513



10, 32.354, 29.664

Inverse Universe

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



95, 18.341, 203.152



95, 21.801, 203.037



88, 18.777, 264.161



52, 4.701, 203.604



67, 37.721, 204.869



22, 17.482, 203.780

Previews

White Background



This preview shows how the CIELCh color 85, 21.517, 25.174 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, 21.517, 25.174 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, 21.517, 25.174

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.517, 25.174.

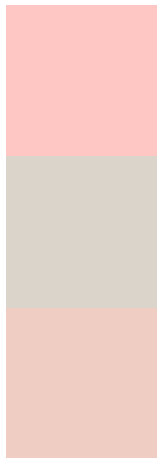


This preview shows how white text looks on a background with the CIELCh color 85, 21.517, 25.174.

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, 21.517, 25.174

Protanopia

85, 5.358, 80.888

Deuteranopia

85, 14.353, 41.566



Tritanopia
85, 22.877, 1.299

Trichromacy



Original Color
85, 21.517, 25.174

Protanomaly
85, 10.081, 41.256

Deuteranomaly
85, 16.614, 35.036

Tritanomaly
85, 21.784, 10.140

Monochromacy



Original Color
85, 21.517, 25.174

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.402, 23.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.517, 25.174 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.517, 25.174 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, 196) }
```

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

```
.border{ border-color:rgb(255, 199, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.517, 25.174 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
199, 196) }
```

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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