

Converting Colors

CIELCh(85, 24.845, 45.476)

Have a look what the booklet for
CIELCh(85, 24.845, 45.476) contains.

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Color

CIELCh(85, 24.239, 46.164)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8B4
RGB	255, 200, 180
RGB Percent	100%, 78%, 71%
CMY	0.0000, 0.2149, 0.2933
CMYK	0.00, 0.21, 0.29, 0.00
HSL	16°, 100%, 85%
HSV	16°, 29%, 100%
XYZ	70.2791, 66.0070, 52.3230
YIQ	214.1650, 39.2000, 5.4400

Conversions

Conversions Part 2

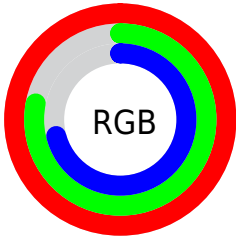
Format	Color
R _Y B	255, 207, 180
Decimal	16763060
CIE Lab	85.00, 16.79, 17.48
CIE LCh	85, 24.239, 46.164
Yxy	66.0070, 0.3726, 0.3500
Android (android.graphics.Color)	4294953140 (0xFFFFC8B4)
YUV	214.1650, -16.8433, 35.8123
Hunter-Lab	81.2447, 12.2296, 18.6875

Details

The CIELCh color **85, 24.239, 46.164** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 19.991, 229.996**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **65, 24.252, 46.523** is the 20% darker color. If you saturate the color by 10%, you get **80, 33.745, 46.034**, and if you desaturate by 10%, it is **90, 15.290, 46.590**.

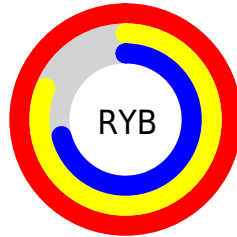
Distribution



Red (100%)

Green (78%)

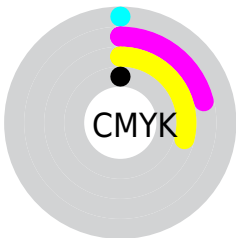
Blue (71%)



Red (100%)

Yellow (81%)

Blue (71%)

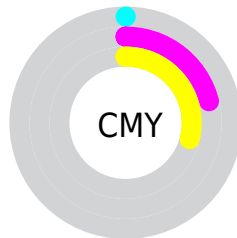


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 24.239, 46.164 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, 24.239, 46.164 by changing the saturation by 10% instead.

 85, 24.239, 46.164

 85, 24.239, 46.164

 100, 24.239,
46.164

 75, 24.239, 46.164

 65, 24.239, 46.164

 55, 24.239, 46.164

 45, 24.239, 46.164

 35, 24.239, 46.164

 25, 24.239, 46.164

 15, 24.239, 46.164

 5, 24.239, 46.164

 0, 24.239, 46.164

85, 24.239, 46.164

85, 24.239, 46.164

80, 33.745, 46.034

90, 15.290, 46.590

75, 44.059, 45.957

95, 7.093, 46.987

71, 55.047, 46.036

100, 0.012,
296.813

67, 66.525, 46.248

63, 78.032, 46.470

60, 88.523, 46.358

58, 96.384, 45.416

57, 96.862, 45.367

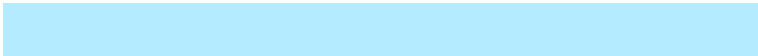
Harmonies

Complementary

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



85, 24.239, 46.164



90, 19.991, 229.996

Rectangle

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



85, 24.239, 46.164



85, 24.239, 96.164



85, 24.239, 226.164



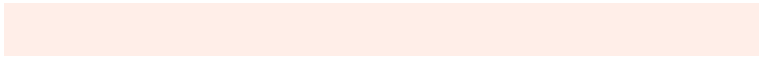
85, 24.239, 276.164

Sweetspot

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



85, 24.159, 46.256



95, 6.830, 47.000



82, 39.035, 335.027



50, 4.774, 46.943



0, 0.000, 0.000



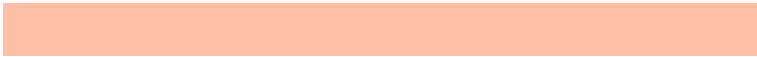
53, 0.007, 296.813

Same Dimension

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



85, 24.159, 46.256



82, 29.502, 46.114



94, 30.064, 94.763



50, 4.323, 46.981



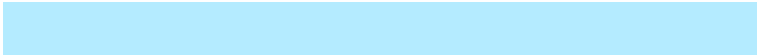
43, 77.523, 45.887



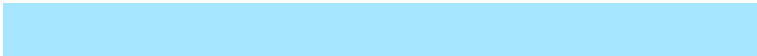
13, 29.000, 41.458

Inverse Universe

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



90, 19.991, 229.996



88, 23.392, 230.717



80, 30.846, 282.610



51, 4.093, 228.223



55, 37.665, 249.945



17, 16.709, 243.296

Previews

White Background



This preview shows how the CIE LCh color 85, 24.239, 46.164 looks on a white background.

Color Contrast Check

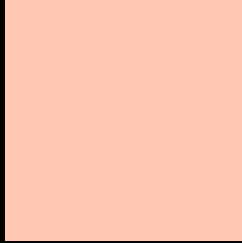
Large Text (above 18pt) WCAG AA × Fail

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, 24.239, 46.164 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, 24.239, 46.164

Background



This preview shows how black text looks on a background with the CIELCh color 85, 24.239, 46.164.



This preview shows how white text looks on a background with the CIELCh color 85, 24.239, 46.164.

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, 24.239, 46.164

Protanopia

85, 14.125, 93.326

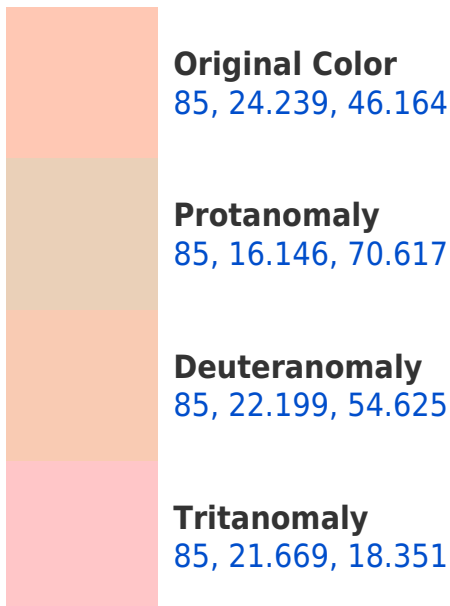
Deuteranopia

85, 20.894, 58.763

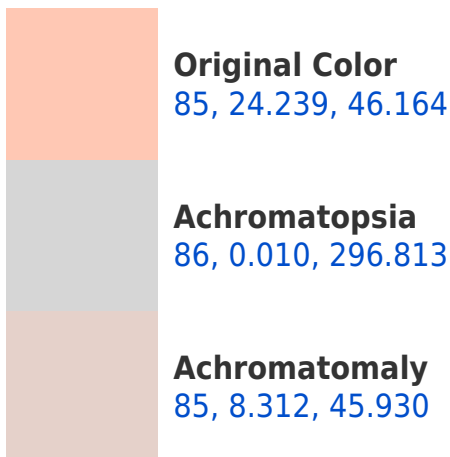


Tritanopia
85, 22.742, 2.557

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 24.239, 46.164 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, 200, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 180)  
}
```

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, 200, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 24.239, 46.164 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, 200, 180) }
```

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

```
.border{ border-color:rgb(255, 200, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 24.239, 46.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 180) }
```

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

```
.background{ background-color: rgb(255,  
200, 180) }
```

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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