

# Converting Colors

CIELCh(66, 24.862, 17.123)

Have a look what the booklet for  
CIELCh(66, 24.862, 17.123) contains.

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# Color

**CIELCh(66, 25.129, 16.978)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE9094
RGB	206, 144, 148
RGB Percent	81%, 56%, 58%
CMY	0.1911, 0.4343, 0.4187
CMYK	0.00, 0.30, 0.28, 0.19
HSL	356°, 39%, 69%
HSV	356°, 30%, 81%
XYZ	40.8994, 35.3238, 32.7784
YIQ	162.9940, 35.6680, 14.3880

# Conversions

## Conversions Part 2

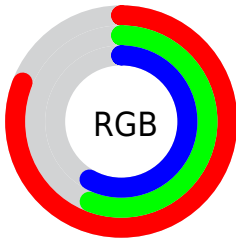
Format	Color
R <sub>Y</sub> B	206, 144, 148
Decimal	13537428
CIE Lab	66.00, 24.03, 7.34
CIE LCh	66, 25.129, 16.978
Yxy	35.3238, 0.3752, 0.3241
Android (android.graphics.Color)	4291727508 (0xFFCE9094)
YUV	162.9940, -7.3920, 37.7163
Hunter-Lab	59.4338, 18.8257, 8.9046

# Details

The CIELCh color **66, 25.129, 16.978** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 20.992, 192.003**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 21.655, 15.606**, and **46, 25.016, 17.581** is the 20% darker color. If you saturate the color by 10%, you get **61, 34.501, 18.508**, and if you desaturate by 10%, it is **71, 16.222, 15.772**.

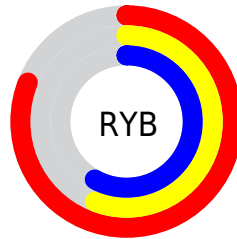
# Distribution



Red (81%)

Green (56%)

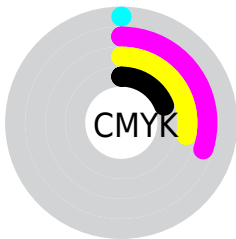
Blue (58%)



Red (81%)

Yellow (56%)

Blue (58%)

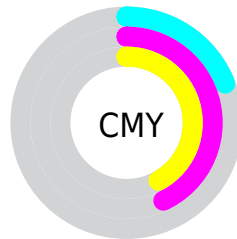


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (19%)



Cyan (19%)

Magenta (43%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 25.129, 16.978 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 66, 25.129, 16.978 by changing the saturation by 10% instead.



66, 25.129, 16.978

66, 25.129, 16.978

100, 25.129,  
16.978

56, 25.129, 16.978

86, 25.129, 16.978

46, 25.129, 16.978

96, 25.129, 16.978

36, 25.129, 16.978

26, 25.129, 16.978

16, 25.129, 16.978

6, 25.129, 16.978

0, 25.129, 16.978

66, 25.129, 16.978

66, 25.129, 16.978

61, 34.501, 18.508

71, 16.222, 15.772

56, 44.192, 20.458

77, 7.859, 14.778

52, 53.959, 22.954

83, 0.053, 3.553

48, 63.486, 26.106

89, 7.220, 193.508

46, 72.427, 29.924

95, 13.996,  
192.935

44, 80.352, 34.134

97, 16.171,  
198.431

43, 86.495, 37.748

# Harmonies

# Complementary

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



66, 25.129, 16.978



79, 20.992, 192.003

# Rectangle

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



66, 25.129, 16.978



66, 25.129, 66.978



66, 25.129, 196.978



66, 25.129, 246.978

# Sweetspot

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



66, 25.127, 16.982



94, 8.319, 14.689



67, 39.717, 324.140



49, 5.810, 14.826



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

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



66, 25.127, 16.982



76, 36.444, 17.913



72, 20.638, 64.553



40, 4.379, 14.715



34, 72.981, 37.164



4, 17.951, 16.232





# Inverse Universe

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



66, 25.127, 16.982



76, 36.444, 17.913



71, 18.333, 252.284



40, 4.379, 14.715



34, 72.981, 37.164

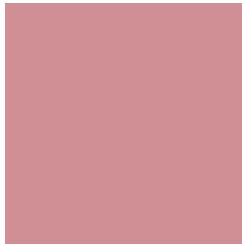


4, 17.951, 16.232



# Previews

## White Background



This preview shows how the CIELCh color 66, 25.129, 16.978 looks on a white background.

## Color Contrast Check

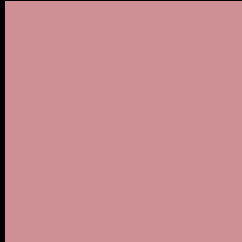
Large Text (above 18pt) WCAG AA × Fail

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 66, 25.129, 16.978 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 66, 25.129, 16.978**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 66, 25.129, 16.978.

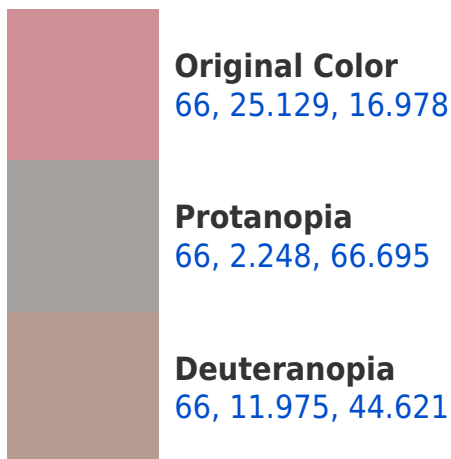


This preview shows how white text looks on a background with the CIELCh color 66, 25.129, 16.978.

# 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**  
66, 26.108, 8.850



# Trichromacy



**Original Color**  
66, 25.129, 16.978

**Protanomaly**  
66, 9.844, 20.283

**Deuteranomaly**  
66, 16.322, 28.579

**Tritanomaly**  
66, 26.012, 11.237

# Monochromacy



**Original Color**  
66, 25.129, 16.978

**Achromatopsia**  
67, 0.008, 296.813

**Achromatomaly**  
66, 9.043, 13.228

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 66, 25.129, 16.978 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(206, 144, 148)` looks like.

```
.text, #text, p{  
    color:rgb(206, 144, 148)  
}
```

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(206, 144, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 144, 148) }
```

## Border

The CSS property to change the border of an element to CIELCh 66, 25.129, 16.978 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(206, 144, 148) }
```

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

```
.border{ border-color:rgb(206, 144, 148) }
```

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

Here you see how a box with a 4 pixel rgb(206, 144, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 144, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 144, 148);  
box-shadow:4px 4px 4px 4px rgb(206, 144,  
148) }
```

# Background

The CSS property to change the background color of an element to CIELCh 66, 25.129, 16.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 144, 148) }
```

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

```
.background{ background-color: rgb(206,  
144, 148) }
```

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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