

Converting Colors

CIELCh(66, 21.323, 45.654)

Have a look what the booklet for
CIELCh(66, 21.323, 45.654) contains.

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Color

CIELCh(66, 21.278, 45.205)

Conversions

Conversions Part 1

Format	Color
Hex	C49686
RGB	196, 150, 134
RGB Percent	77%, 59%, 53%
CMY	0.2309, 0.4113, 0.4741
CMYK	0.00, 0.23, 0.32, 0.23
HSL	15°, 34%, 65%
HSV	15°, 32%, 77%
XYZ	38.0303, 35.3238, 27.4076
YIQ	161.9300, 32.5520, 4.7760

Conversions

Conversions Part 2

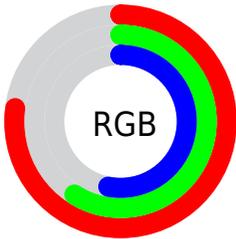
Format	Color
R _Y B	196, 156, 134
Decimal	12883590
CIE Lab	66.00, 14.99, 15.10
CIE LCh	66, 21.278, 45.205
Yxy	35.3238, 0.3774, 0.3506
Android (android.graphics.Color)	4291073670 (0xFFC49686)
YUV	161.9300, -13.7695, 29.8794
Hunter-Lab	59.4338, 10.2086, 14.2624

Details

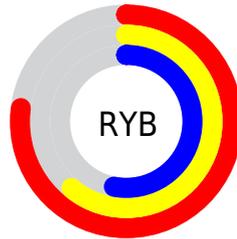
The CIELCh color **66, 21.278, 45.205** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 17.322, 228.912**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.512, 44.848**, and **46, 21.404, 45.602** is the 20% darker color. If you saturate the color by 10%, you get **62, 29.162, 45.076**, and if you desaturate by 10%, it is **70, 13.972, 45.470**.

Distribution



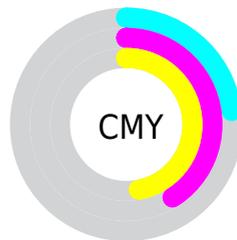
- Red (77%)
- Green (59%)
- Blue (53%)



- Red (77%)
- Yellow (61%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (32%)
- Black (23%)



- Cyan (23%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 21.278, 45.205 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, 21.278, 45.205 by changing the saturation by 10% instead.

■ 66, 21.278, 45.205

■ 66, 21.278, 45.205

■ 100, 21.278,
45.205

■ 56, 21.278, 45.205

■ 86, 21.278, 45.205

■ 46, 21.278, 45.205

■ 96, 21.278, 45.205

■ 36, 21.278, 45.205

■ 26, 21.278, 45.205

■ 16, 21.278, 45.205

■ 6, 21.278, 45.205

■ 0, 21.278, 45.205

■ 66, 21.278, 45.205

■ 66, 21.278, 45.205

■ 62, 29.162, 45.076

■ 70, 13.972, 45.470

58, 37.629, 45.091

74, 7.216, 45.809

55, 46.623, 45.269

79, 0.964, 45.794

51, 55.976, 45.579

83, 4.834, 226.940

49, 65.288, 45.888

87, 10.230,
227.425

46, 73.665, 45.830

91, 15.271,
227.972

44, 79.412, 45.451

95, 18.297,
203.222

96, 19.278,
198.233

Harmonies

Complementary

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



66, 21.278, 45.205



71, 17.322, 228.912

Rectangle

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



66, 21.278, 45.205



66, 21.278, 95.205



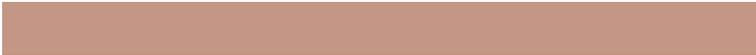
66, 21.278, 225.205



66, 21.278, 275.205

Sweetspot

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



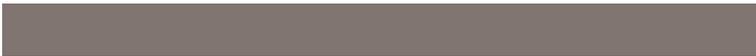
66, 21.277, 45.212



95, 6.851, 45.893



63, 34.371, 334.487



50, 4.788, 45.843



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, 21.277, 45.212



81, 32.553, 45.102



74, 25.798, 93.388



39, 3.456, 45.886



36, 68.126, 45.894



5, 12.083, 35.994

Inverse Universe

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



71, 17.322, 228.912



88, 25.123, 229.799



62, 26.389, 281.900



40, 3.275, 227.020



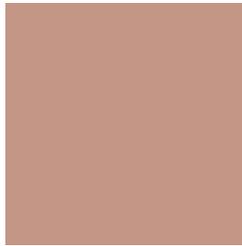
47, 32.586, 247.363



7, 10.377, 238.074

Previews

White Background



This preview shows how the CIELCh color 66, 21.278, 45.205 looks on a white background.

Color Contrast Check

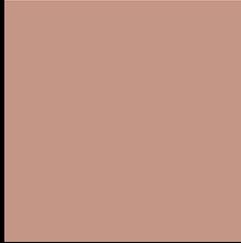
Large Text (above 18pt) WCAG AA × Fail

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 66, 21.278, 45.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

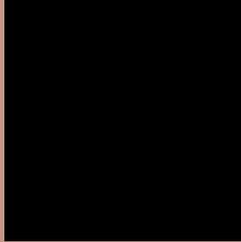
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

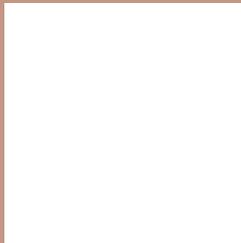
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 21.278, 45.205

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.278, 45.205.

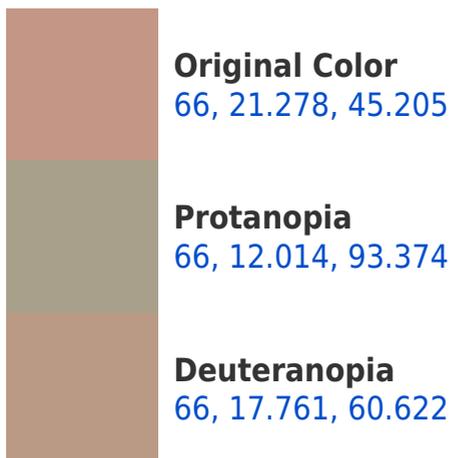


This preview shows how white text looks on a background with the CIELCh color 66, 21.278, 45.205.

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, 21.313, 5.169

Trichromacy



Original Color
66, 21.278, 45.205

Protanomaly
66, 13.877, 68.666

Deuteranomaly
66, 19.104, 55.420

Tritanomaly
66, 20.144, 19.807

Monochromacy



Original Color
66, 21.278, 45.205

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 7.117, 47.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.278, 45.205 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(196, 150, 134)` looks like.

```
.text, #text, p{  
    color:rgb(196, 150, 134)  
}
```

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(196, 150, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 150, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.278, 45.205 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(196, 150, 134) }
```

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

```
.border{ border-color:rgb(196, 150, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 150, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 150, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 150, 134);  
box-shadow:4px 4px 4px 4px rgb(196, 150,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.278, 45.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 150, 134) }
```

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

```
.background{ background-color: rgb(196,  
150, 134) }
```

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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