

Converting Colors

CIELCh(65, 28.247, 48.970)

Have a look what the booklet for
CIELCh(65, 28.247, 48.970) contains.

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Color

CIELCh(65, 28.201, 48.977)

Conversions

Conversions Part 1

Format	Color
Hex	CA9179
RGB	202, 145, 121
RGB Percent	79%, 57%, 47%
CMY	0.2091, 0.4325, 0.5266
CMYK	0.00, 0.28, 0.40, 0.21
HSL	18°, 43%, 63%
HSV	18°, 40%, 79%
XYZ	37.7855, 34.0472, 22.5785
YIQ	159.3070, 41.6760, 4.6200

Conversions

Conversions Part 2

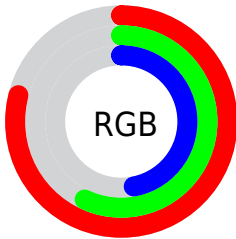
Format	Color
RYB	202, 155, 121
Decimal	13275513
CIELab	65.00, 18.51, 21.28
CIElCh	65, 28.201, 48.977
Yxy	34.0472, 0.4002, 0.3606
Android (android.graphics.Color)	4291465593 (0xFFCA9179)
YUV	159.3070, -18.8854, 37.4418
Hunter-Lab	58.3500, 13.4782, 17.9028

Details

The CIELCh color **65, 28.201, 48.977** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **69, 21.865, 235.565**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 26.394, 51.515**, and **45, 28.354, 48.814** is the 20% darker color. If you saturate the color by 10%, you get **61, 36.611, 48.709**, and if you desaturate by 10%, it is **69, 20.362, 49.373**.

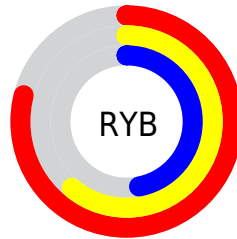
Distribution



Red (79%)

Green (57%)

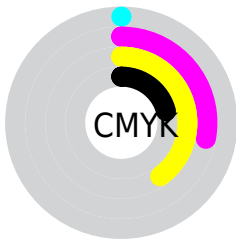
Blue (47%)



Red (79%)

Yellow (61%)

Blue (47%)

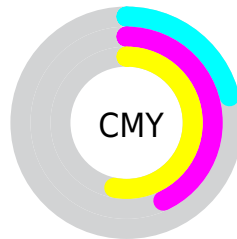


Cyan (0%)

Magenta (28%)

Yellow (40%)

Black (21%)



Cyan (21%)

Magenta (43%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 28.201, 48.977 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 65, 28.201, 48.977 by changing the saturation by 10% instead.

 65, 28.201, 48.977

 65, 28.201, 48.977

 100, 28.201,
48.977

 55, 28.201, 48.977

 85, 28.201, 48.977

 45, 28.201, 48.977

 95, 28.201, 48.977

 35, 28.201, 48.977

 25, 28.201, 48.977

 15, 28.201, 48.977

 5, 28.201, 48.977

 0, 28.201, 48.977

 65, 28.201, 48.977

 65, 28.201, 48.977

 61, 36.611, 48.709

 69, 20.362, 49.373

58, 45.554, 48.558

73, 13.089, 49.856

54, 54.881, 48.501

77, 6.345, 50.390

51, 64.226, 48.418

81, 0.083, 44.969

49, 72.775, 47.994

85, 5.747, 231.859

47, 79.564, 47.057

90, 11.194,
232.508

94, 14.894,
220.995

97, 17.587,
198.340

Harmonies

Complementary

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



65, 28.201, 48.977



69, 21.865, 235.565

Rectangle

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



65, 28.201, 48.977



65, 28.201, 98.977



65, 28.201, 228.977



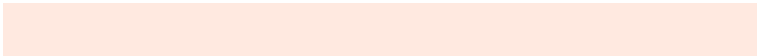
65, 28.201, 278.977

Sweetspot

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



65, 28.200, 48.983



94, 9.149, 50.282



61, 43.384, 336.554



49, 6.099, 50.211



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 28.200, 48.983



77, 42.158, 48.741



75, 34.576, 94.581



41, 3.571, 50.428



38, 68.412, 47.524



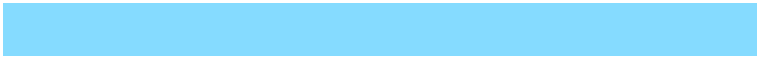
6, 15.292, 37.033

Inverse Universe

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



69, 21.865, 235.565



83, 30.628, 237.182



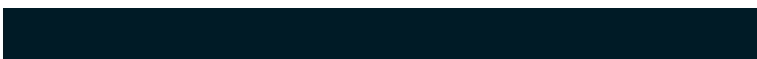
59, 36.172, 285.616



41, 3.395, 231.886



46, 35.140, 254.986



8, 12.055, 243.450

Previews

White Background



This preview shows how the CIELCh color 65, 28.201, 48.977 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 65, 28.201, 48.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

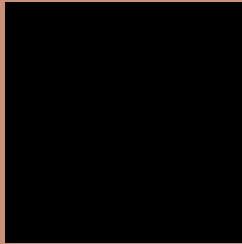
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 28.201, 48.977

Background



This preview shows how black text looks on a background with the CIELCh color 65, 28.201, 48.977.

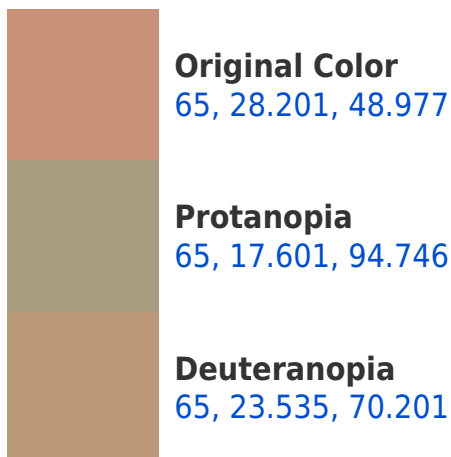


This preview shows how white text looks on a background with the CIELCh color 65, 28.201, 48.977.

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](#).

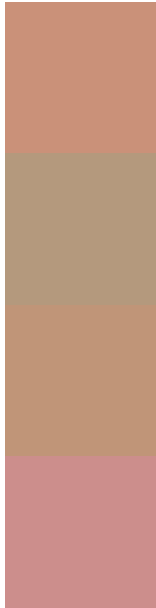
Dichromacy





Tritanopia
65, 26.600, 9.166

Trichromacy



Original Color
65, 28.201, 48.977

Protanomaly
65, 19.330, 72.603

Deuteranomaly
65, 24.717, 60.493

Tritanomaly
65, 25.562, 24.375

Monochromacy



Original Color
65, 28.201, 48.977

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.797, 50.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 28.201, 48.977 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(202, 145, 121)` looks like.

```
.text, #text, p{  
    color:rgb(202, 145, 121)  
}
```

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(202, 145, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 145, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 28.201, 48.977 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(202, 145, 121) }
```

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

```
.border{ border-color:rgb(202, 145, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 145, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 145, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 145, 121);  
box-shadow:4px 4px 4px 4px rgb(202, 145,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 28.201, 48.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 145, 121) }
```

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

```
.background{ background-color: rgb(202,  
145, 121) }
```

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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