

Converting Colors

CIELCh(66, 37.962, 64.400)

Have a look what the booklet for
CIELCh(66, 37.962, 64.400) contains.

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Color

CIELCh(66, 37.634, 64.262)

Conversions

Conversions Part 1

Format	Color
Hex	CE9464
RGB	206, 148, 100
RGB Percent	81%, 58%, 39%
CMY	0.1913, 0.4188, 0.6071
CMYK	0.00, 0.28, 0.51, 0.19
HSL	27°, 52%, 60%
HSV	27°, 51%, 81%
XYZ	38.4501, 35.3238, 16.8982
YIQ	159.8700, 49.9760, -2.6320

Conversions

Conversions Part 2

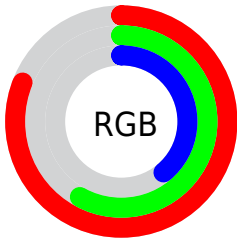
Format	Color
R _Y B	206, 188, 100
Decimal	13538404
CIE Lab	66.00, 16.34, 33.90
CIE LCh	66, 37.634, 64.262
Yxy	35.3238, 0.4241, 0.3896
Android (android.graphics.Color)	4291728484 (0xFFCE9464)
YUV	159.8700, -29.5159, 40.4560
Hunter-Lab	59.4338, 11.4695, 24.7464

Details

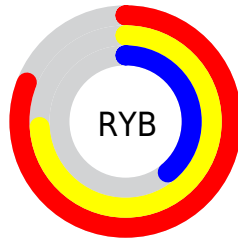
The CIELCh color $66, 37.634, 64.262$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $63, 30.889, 259.747$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 34.440, 68.836$, and $46, 37.650, 63.946$ is the 20% darker color. If you saturate the color by 10%, you get $63, 46.072, 63.135$, and if you desaturate by 10%, it is $69, 29.503, 65.391$.

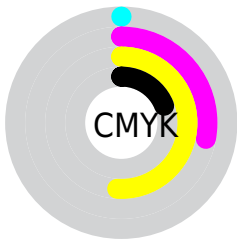
Distribution



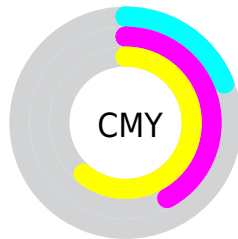
- Red (81%)
- Green (58%)
- Blue (39%)



- Red (81%)
- Yellow (74%)
- Blue (39%)



- Cyan (0%)
- Magenta (28%)
- Yellow (51%)
- Black (19%)



- Cyan (19%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 37.634, 64.262 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, 37.634, 64.262 by changing the saturation by 10% instead.

66, 37.634, 64.262

66, 37.634, 64.262

100, 37.634,
64.262

56, 37.634, 64.262

86, 37.634, 64.262

46, 37.634, 64.262

96, 37.634, 64.262

36, 37.634, 64.262

26, 37.634, 64.262

16, 37.634, 64.262

6, 37.634, 64.262

0, 37.634, 64.262

66, 37.634, 64.262

66, 37.634, 64.262

63, 46.072, 63.135

69, 29.503, 65.391

60, 54.608, 61.938

72, 21.762, 66.523

57, 62.783, 60.538

76, 14.426, 67.661

55, 69.738, 58.645

79, 7.481, 68.785

53, 74.353, 56.571

82, 0.897, 69.522

86, 5.360, 251.188

89, 11.327,
252.250

92, 13.470,
238.359

95, 14.610,
209.194

Harmonies

Complementary

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



66, 37.634, 64.262



63, 30.889, 259.747

Rectangle

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



66, 37.634, 64.262



66, 37.634, 114.262



66, 37.634, 244.262



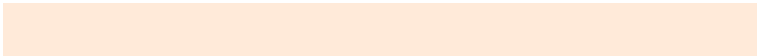
66, 37.634, 294.262

Sweetspot

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



66, 37.633, 64.267



94, 11.800, 68.366



57, 50.132, 346.212



49, 8.098, 68.125



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, 37.633, 64.267



76, 55.420, 62.979



80, 51.708, 102.955



41, 3.664, 69.005



43, 62.943, 57.206



7, 14.426, 52.020

Inverse Universe

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



63, 30.889, 259.747



72, 43.438, 263.337



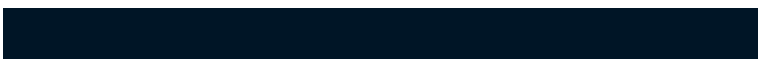
49, 58.953, 295.930



41, 3.560, 251.366



38, 47.185, 278.612



6, 14.272, 266.531

Previews

White Background



This preview shows how the CIELCh color 66, 37.634, 64.262 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, 37.634, 64.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

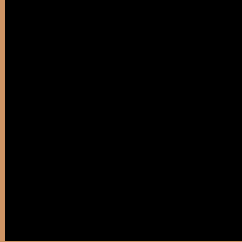
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 37.634, 64.262

Background



This preview shows how black text looks on a background with the CIELCh color 66, 37.634, 64.262.



This preview shows how white text looks on a background with the CIELCh color 66, 37.634, 64.262.

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

66, 37.634, 64.262

Protanopia

66, 31.156, 95.741

Deuteranopia

66, 35.147, 75.966



Tritanopia
66, 28.080, 11.180

Trichromacy



Original Color
66, 37.634, 64.262

Protanomaly
66, 32.088, 82.937

Deuteranomaly
66, 35.895, 71.671

Tritanomaly
66, 28.093, 34.203

Monochromacy



Original Color
66, 37.634, 64.262

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 13.168, 68.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 37.634, 64.262 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, 148, 100)` looks like.

```
.text, #text, p{  
    color:rgb(206, 148, 100)  
}
```

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, 148, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 148, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 37.634, 64.262 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, 148, 100) }
```

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

```
.border{ border-color:rgb(206, 148, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 148, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 148, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 148, 100);  
box-shadow:4px 4px 4px 4px rgb(206, 148,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 37.634, 64.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 148, 100) }
```

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

```
.background{ background-color: rgb(206,  
148, 100) }
```

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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