

Converting Colors

CIELCh(66, 40.369, 63.197)

Have a look what the booklet for
CIELCh(66, 40.369, 63.197) contains.

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Color

CIELCh(66, 40.613, 63.393)

Conversions

Conversions Part 1

Format	Color
Hex	D29360
RGB	210, 147, 96
RGB Percent	82%, 58%, 38%
CMY	0.1773, 0.4242, 0.6242
CMYK	0.00, 0.30, 0.54, 0.18
HSL	27°, 56%, 60%
HSV	27°, 54%, 82%
XYZ	39.0290, 35.3238, 15.7860
YIQ	160.0230, 53.9190, -2.5050

Conversions

Conversions Part 2

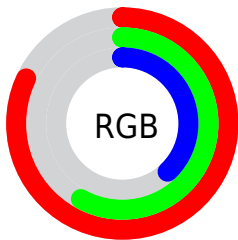
Format	Color
RYB	210, 188, 96
Decimal	13800288
CIELab	66.00, 18.19, 36.31
CIELCh	66, 40.613, 63.393
Yxy	35.3238, 0.4330, 0.3919
Android (android.graphics.Color)	4291990368 (0xFFD29360)
YUV	160.0230, -31.5633, 43.8298
Hunter-Lab	59.4338, 13.2080, 25.8559

Details

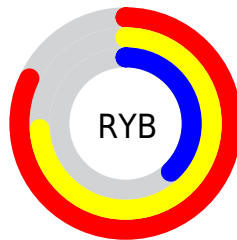
The CIELCh color **66, 40.613, 63.393** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **63, 32.727, 259.949**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 36.463, 70.073**, and **46, 40.478, 63.309** is the 20% darker color. If you saturate the color by 10%, you get **63, 49.254, 62.279**, and if you desaturate by 10%, it is **69, 32.249, 64.500**.

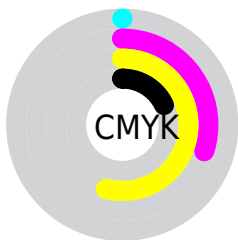
Distribution



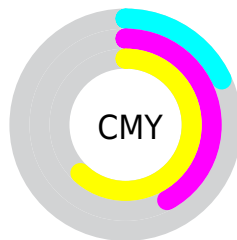
- Red (82%)
- Green (58%)
- Blue (38%)



- Red (82%)
- Yellow (74%)
- Blue (38%)



- Cyan (0%)
- Magenta (30%)
- Yellow (54%)
- Black (18%)



- Cyan (18%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 40.613, 63.393 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, 40.613, 63.393 by changing the saturation by 10% instead.

66, 40.613, 63.393

66, 40.613, 63.393

100, 40.613,
63.393

56, 40.613, 63.393

86, 40.613, 63.393

46, 40.613, 63.393

96, 40.613, 63.393

36, 40.613, 63.393

26, 40.613, 63.393

16, 40.613, 63.393

6, 40.613, 63.393

0, 40.613, 63.393

66, 40.613, 63.393

66, 40.613, 63.393

63, 49.254, 62.279

69, 32.249, 64.500

60, 57.904, 61.069

72, 24.274, 65.613

57, 65.989, 59.590

76, 16.718, 66.735

55, 72.508, 57.496

79, 9.572, 67.855

54, 75.541, 56.125

83, 2.808, 68.884

86, 3.611, 250.276

90, 9.719, 251.306

93, 12.531,
238.574

96, 13.864,
206.811

Harmonies

Complementary

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



66, 40.613, 63.393



63, 32.727, 259.949

Rectangle

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



66, 40.613, 63.393



66, 40.613, 113.393



66, 40.613, 243.393



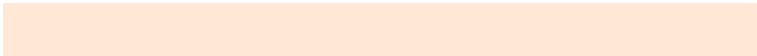
66, 40.613, 293.393

Sweetspot

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



66, 40.612, 63.397



93, 12.593, 67.648



57, 53.871, 345.655



49, 8.552, 67.416



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, 40.612, 63.397



75, 58.484, 62.117



80, 54.341, 101.822



42, 3.730, 68.390



43, 63.842, 56.755



8, 15.806, 52.174

Inverse Universe

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



63, 32.727, 259.949



71, 44.976, 263.742



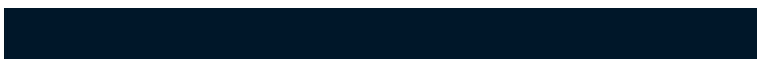
48, 62.327, 295.937



42, 3.621, 250.739



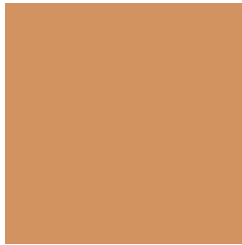
39, 47.252, 278.044



7, 15.083, 266.568

Previews

White Background



This preview shows how the CIELCh color 66, 40.613, 63.393 looks on a white background.

Color Contrast Check

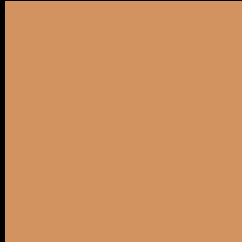
Large Text (above 18pt) WCAG AA × Fail

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, 40.613, 63.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

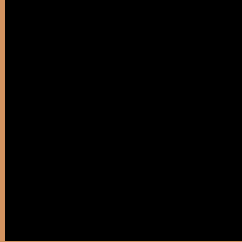
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 40.613, 63.393

Background



This preview shows how black text looks on a background with the CIELCh color 66, 40.613, 63.393.



This preview shows how white text looks on a background with the CIELCh color 66, 40.613, 63.393.

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, 30.179, 11.193

Trichromacy



Original Color
66, 40.613, 63.393

Protanomaly
66, 34.463, 82.712

Deuteranomaly
66, 38.283, 72.112

Tritanomaly
66, 30.287, 33.538

Monochromacy



Original Color
66, 40.613, 63.393

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 13.751, 65.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 40.613, 63.393 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(210, 147, 96)` looks like.

```
.text, #text, p{  
    color:rgb(210, 147, 96)  
}
```

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(210, 147, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 147, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 40.613, 63.393 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(210, 147, 96) }
```

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

```
.border{ border-color:rgb(210, 147, 96) }
```

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

Here you see how a box with a 4 pixel rgb(210, 147, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 147, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 147, 96);  
box-shadow:4px 4px 4px 4px rgb(210, 147,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 40.613, 63.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 147, 96) }
```

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

```
.background{ background-color: rgb(210,  
147, 96) }
```

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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