

Converting Colors

CIELCh(66, 39.508, 46.466)

Have a look what the booklet for
CIELCh(66, 39.508, 46.466) contains.

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Color

CIELCh(66, 39.416, 47.311)

Conversions

Conversions Part 1

Format	Color
Hex	DC8D6E
RGB	220, 141, 110
RGB Percent	86%, 55%, 43%
CMY	0.1379, 0.4476, 0.5691
CMYK	0.00, 0.36, 0.50, 0.14
HSL	17°, 61%, 65%
HSV	17°, 50%, 86%
XYZ	41.7804, 35.3238, 19.3307
YIQ	161.0870, 57.0350, 7.1070

Conversions

Conversions Part 2

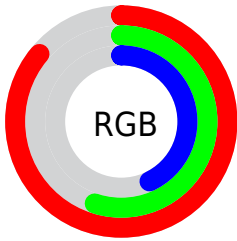
Format	Color
R _Y B	220, 153, 110
Decimal	14454126
CIE Lab	66.00, 26.72, 28.97
CIE LCh	66, 39.416, 47.311
Yxy	35.3238, 0.4332, 0.3663
Android (android.graphics.Color)	4292644206 (0xFFDC8D6E)
YUV	161.0870, -25.1859, 51.6667
Hunter-Lab	59.4338, 21.4714, 22.3198

Details

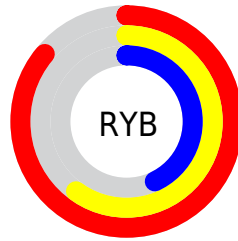
The CIELCh color **66, 39.416, 47.311** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73, 28.001, 235.330**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 30.246, 55.345**, and **46, 39.468, 47.121** is the 20% darker color. If you saturate the color by 10%, you get **62, 49.093, 47.281**, and if you desaturate by 10%, it is **70, 30.318, 47.489**.

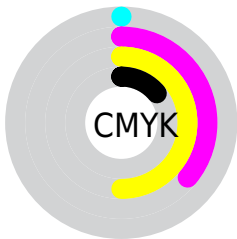
Distribution



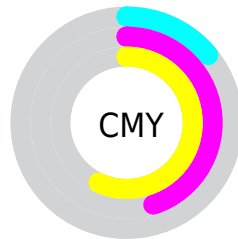
- Red (86%)
- Green (55%)
- Blue (43%)



- Red (86%)
- Yellow (60%)
- Blue (43%)



- Cyan (0%)
- Magenta (36%)
- Yellow (50%)
- Black (14%)



- Cyan (14%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 39.416, 47.311 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, 39.416, 47.311 by changing the saturation by 10% instead.

66, 39.416, 47.311

66, 39.416, 47.311

100, 39.416,
47.311

56, 39.416, 47.311

86, 39.416, 47.311

46, 39.416, 47.311

96, 39.416, 47.311

36, 39.416, 47.311

26, 39.416, 47.311

16, 39.416, 47.311

6, 39.416, 47.311

0, 39.416, 47.311

66, 39.416, 47.311

66, 39.416, 47.311

62, 49.093, 47.281

70, 30.318, 47.489

59, 59.190, 47.358

74, 21.852, 47.793

55, 69.301, 47.423

79, 14.007, 48.200

53, 78.518, 47.142

83, 6.743, 48.665

50, 85.701, 46.226

88, 0.015, 8.740

92, 6.245, 230.020

97, 10.746,
208.762

98, 11.853,
198.714

Harmonies

Complementary

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



66, 39.416, 47.311



73, 28.001, 235.330

Rectangle

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



66, 39.416, 47.311



66, 39.416, 97.311



66, 39.416, 227.311



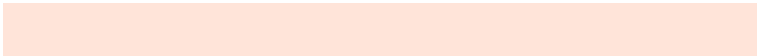
66, 39.416, 277.311

Sweetspot

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



66, 39.415, 47.316



92, 11.609, 48.425



62, 57.691, 336.683



48, 7.987, 48.326



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, 39.415, 47.316



71, 55.443, 47.283



79, 45.447, 92.145



44, 3.803, 48.692



40, 71.365, 46.735



8, 19.914, 37.180

Inverse Universe

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



73, 28.001, 235.330



80, 36.080, 237.794



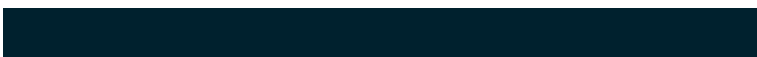
58, 48.068, 286.936



44, 3.608, 230.041



49, 35.618, 252.405



11, 13.518, 242.529

Previews

White Background



This preview shows how the CIELCh color 66, 39.416, 47.311 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, 39.416, 47.311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

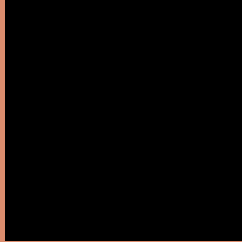
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 39.416, 47.311

Background



This preview shows how black text looks on a background with the CIELCh color 66, 39.416, 47.311.



This preview shows how white text looks on a background with the CIELCh color 66, 39.416, 47.311.

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, 35.556, 14.522

Trichromacy



Original Color
66, 39.416, 47.311

Protanomaly
66, 26.762, 72.555

Deuteranomaly
66, 33.309, 62.603

Tritanomaly
66, 35.405, 27.312

Monochromacy



Original Color
66, 39.416, 47.311

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 13.210, 50.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 39.416, 47.311 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(220, 141, 110)` looks like.

```
.text, #text, p{  
    color:rgb(220, 141, 110)  
}
```

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(220, 141, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 141, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 39.416, 47.311 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(220, 141, 110) }
```

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

```
.border{ border-color:rgb(220, 141, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 141, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 141, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 141, 110);  
box-shadow:4px 4px 4px 4px rgb(220, 141,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 39.416, 47.311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 141, 110) }
```

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

```
.background{ background-color: rgb(220,  
141, 110) }
```

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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