

Converting Colors

CIELCh(67, 38.188, 63.247)

Have a look what the booklet for
CIELCh(67, 38.188, 63.247) contains.

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Color

CIELCh(67, 38.176, 63.413)

Conversions

Conversions Part 1

Format	Color
Hex	D29666
RGB	210, 150, 102
RGB Percent	82%, 59%, 40%
CMY	0.1751, 0.4105, 0.5988
CMYK	0.00, 0.29, 0.51, 0.18
HSL	27°, 55%, 61%
HSV	27°, 51%, 82%
XYZ	40.0481, 36.6320, 17.6085
YIQ	162.4680, 51.1680, -2.2080

Conversions

Conversions Part 2

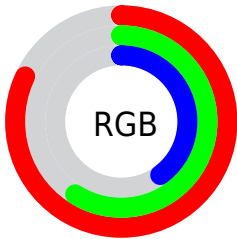
Format	Color
RYB	210, 188, 102
Decimal	13801062
CIELab	67.00, 17.09, 34.14
CIELCh	67, 38.176, 63.413
Yxy	36.6320, 0.4247, 0.3885
Android (android.graphics.Color)	4291991142 (0xFFD29666)
YUV	162.4680, -29.8107, 41.6856
Hunter-Lab	60.5244, 12.1933, 25.1176

Details

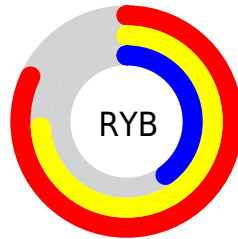
The CIELCh color **67, 38.176, 63.413** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 31.063, 258.704**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 33.818, 69.920**, and **47, 38.218, 63.080** is the 20% darker color. If you saturate the color by 10%, you get **64, 46.784, 62.322**, and if you desaturate by 10%, it is **70, 29.896, 64.510**.

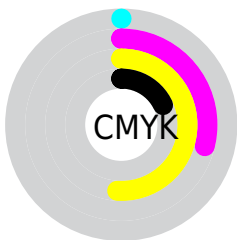
Distribution



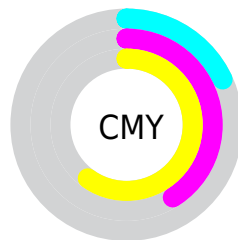
- Red (82%)
- Green (59%)
- Blue (40%)



- Red (82%)
- Yellow (74%)
- Blue (40%)



- Cyan (0%)
- Magenta (29%)
- Yellow (51%)
- Black (18%)



- Cyan (18%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 38.176, 63.413 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 67, 38.176, 63.413 by changing the saturation by 10% instead.

67, 38.176, 63.413

67, 38.176, 63.413

100, 38.176,
63.413

57, 38.176, 63.413

87, 38.176, 63.413

47, 38.176, 63.413

97, 38.176, 63.413

37, 38.176, 63.413

27, 38.176, 63.413

17, 38.176, 63.413

7, 38.176, 63.413

0, 38.176, 63.413

67, 38.176, 63.413

67, 38.176, 63.413

64, 46.784, 62.322

70, 29.896, 64.510

61, 55.512, 61.168

74, 22.026, 65.616

58, 63.894, 59.813

77, 14.579, 66.731

56, 71.050, 57.964

80, 7.540, 67.835

54, 75.810, 55.896

84, 0.876, 68.532

87, 5.449, 250.211

91, 11.472,
251.261

94, 12.401,
226.596

97, 14.889,
198.514

Harmonies

Complementary

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



67, 38.176, 63.413



65, 31.063, 258.704

Rectangle

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



67, 38.176, 63.413



67, 38.176, 113.413



67, 38.176, 243.413



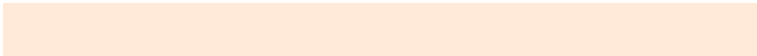
67, 38.176, 293.413

Sweetspot

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



67, 38.175, 63.418



94, 11.758, 67.420



58, 51.377, 345.252



49, 8.070, 67.184



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 38.175, 63.418



76, 55.427, 62.175



80, 51.748, 102.108



42, 3.725, 68.045



43, 63.937, 56.531



8, 15.818, 51.811

Inverse Universe

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



65, 31.063, 258.704



72, 42.957, 262.283



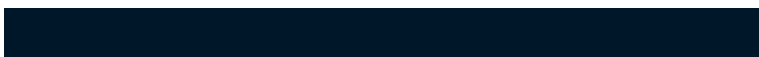
50, 58.716, 295.281



42, 3.614, 250.384



39, 46.962, 277.686



7, 15.020, 266.214

Previews

White Background



This preview shows how the CIELCh color 67, 38.176, 63.413 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 67, 38.176, 63.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

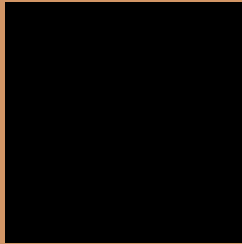
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 38.176, 63.413

Background



This preview shows how black text looks on a background with the CIELCh color 67, 38.176, 63.413.



This preview shows how white text looks on a background with the CIELCh color 67, 38.176, 63.413.

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

67, 38.176, 63.413

Protanopia

67, 31.093, 95.792

Deuteranopia

67, 35.731, 75.821



Tritanopia
67, 28.842, 10.471

Trichromacy



Original Color
67, 38.176, 63.413

Protanomaly
67, 32.208, 82.296

Deuteranomaly
67, 36.482, 71.613

Tritanomaly
67, 28.653, 32.879

Monochromacy



Original Color
67, 38.176, 63.413

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 12.989, 65.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 38.176, 63.413 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, 150, 102)` looks like.

```
.text, #text, p{  
    color:rgb(210, 150, 102)  
}
```

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, 150, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 150, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 38.176, 63.413 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, 150, 102) }
```

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

```
.border{ border-color:rgb(210, 150, 102) }
```

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

Here you see how a box with a 4 pixel rgb(210, 150, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 150, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 150, 102);  
box-shadow:4px 4px 4px 4px rgb(210, 150,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 38.176, 63.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 150, 102) }
```

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

```
.background{ background-color: rgb(210,  
150, 102) }
```

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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