

Converting Colors

CIELCh(67, 38.627, 76.283)

Have a look what the booklet for
CIELCh(67, 38.627, 76.283) contains.

CIELCh(67, 38.627, 76.283)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 38.627, 76.283)

Conversions

Conversions Part 1

Format	Color
Hex	C79B5F
RGB	199, 155, 95
RGB Percent	78%, 61%, 37%
CMY	0.2177, 0.3904, 0.6258
CMYK	0.00, 0.22, 0.52, 0.22
HSL	35°, 48%, 58%
HSV	35°, 52%, 78%
XYZ	37.5609, 36.6320, 16.0174
YIQ	161.3160, 45.4840, -9.3320

Conversions

Conversions Part 2

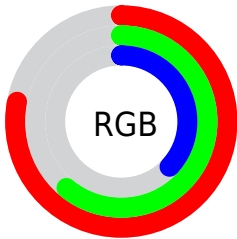
Format	Color
RYB	171, 199, 95
Decimal	13081439
CIELab	67.00, 9.16, 37.53
CIELCh	67, 38.627, 76.283
Yxy	36.6320, 0.4164, 0.4061
Android (android.graphics.Color)	4291271519 (0xFFC79B5F)
YUV	161.3160, -32.6938, 33.0489
Hunter-Lab	60.5244, 4.8579, 26.6763

Details

The CIELCh color **67, 38.627, 76.283** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **57, 35.771, 273.331**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 37.728, 77.323**, and **47, 38.301, 76.468** is the 20% darker color. If you saturate the color by 10%, you get **65, 46.500, 74.822**, and if you desaturate by 10%, it is **69, 30.784, 77.694**.

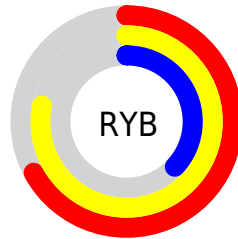
Distribution



Red (78%)

Green (61%)

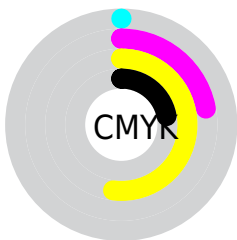
Blue (37%)



Red (67%)

Yellow (78%)

Blue (37%)

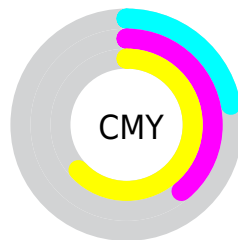


Cyan (0%)

Magenta (22%)

Yellow (52%)

Black (22%)



Cyan (22%)

Magenta (39%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 38.627, 76.283 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, 38.627, 76.283 by changing the saturation by 10% instead.

■ 67, 38.627, 76.283

■ 67, 38.627, 76.283

■ 100, 38.627,
76.283

■ 57, 38.627, 76.283

■ 87, 38.627, 76.283

■ 47, 38.627, 76.283

■ 97, 38.627, 76.283

■ 37, 38.627, 76.283

■ 27, 38.627, 76.283

■ 17, 38.627, 76.283

■ 7, 38.627, 76.283

■ 0, 38.627, 76.283

■ 67, 38.627, 76.283

■ 67, 38.627, 76.283

■ 65, 46.500, 74.822

■ 69, 30.784, 77.694

62, 54.121, 73.242

72, 23.108, 79.062

60, 60.970, 71.430

75, 15.656, 80.394

58, 66.233, 69.165

77, 8.445, 81.683

57, 69.161, 67.070

80, 1.472, 82.779

83, 5.278, 264.272

85, 11.824,
265.420

88, 18.182,
266.537

90, 15.854,
249.816

Harmonies

Complementary

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



67, 38.627, 76.283



57, 35.771, 273.331

Rectangle

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



67, 38.627, 76.283



67, 38.627, 126.283



67, 38.627, 256.283



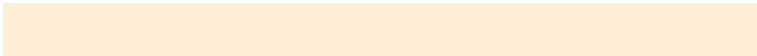
67, 38.627, 306.283

Sweetspot

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



67, 38.627, 76.287



95, 13.653, 81.166



54, 46.667, 353.639



50, 9.251, 80.896



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, 38.627, 76.287



81, 57.582, 74.556



78, 53.312, 108.432



41, 3.908, 82.030



47, 59.507, 67.626



8, 13.176, 67.306

Inverse Universe

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



57, 35.771, 273.331



66, 52.818, 276.965



46, 61.574, 299.506



40, 3.866, 264.551



32, 59.410, 290.319



4, 15.263, 276.051

Previews

White Background



This preview shows how the CIELCh color 67, 38.627, 76.283 looks on a white background.

Color Contrast Check

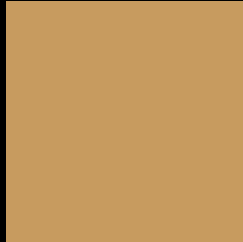
Large Text (above 18pt) WCAG AA × Fail

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, 38.627, 76.283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

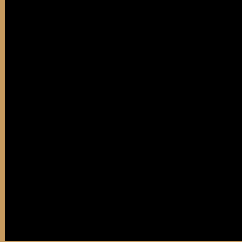
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 38.627, 76.283

Background



This preview shows how black text looks on a background with the CIELCh color 67, 38.627, 76.283.



This preview shows how white text looks on a background with the CIELCh color 67, 38.627, 76.283.

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, 38.627, 76.283

Protanopia

67, 35.925, 95.253

Deuteranopia

67, 38.807, 77.172



Tritanopia
67, 23.219, 6.801

Trichromacy



Original Color
67, 38.627, 76.283

Protanomaly
67, 36.248, 88.162

Deuteranomaly
67, 38.807, 77.172

Tritanomaly
67, 23.354, 41.652

Monochromacy



Original Color
67, 38.627, 76.283

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 13.776, 80.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 38.627, 76.283 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(199, 155, 95)` looks like.

```
.text, #text, p{  
    color:rgb(199, 155, 95)  
}
```

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(199, 155, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 155, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 38.627, 76.283 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(199, 155, 95) }
```

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

```
.border{ border-color:rgb(199, 155, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 155, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 155, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 155, 95);  
box-shadow:4px 4px 4px 4px rgb(199, 155,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 38.627, 76.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 155, 95) }
```

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

```
.background{ background-color: rgb(199,  
155, 95) }
```

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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