

Converting Colors

CIELCh(67, 34.153, 77.585)

Have a look what the booklet for
CIELCh(67, 34.153, 77.585) contains.

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Color

CIELCh(67, 34.248, 77.944)

Conversions

Conversions Part 1

Format	Color
Hex	C39D67
RGB	195, 157, 103
RGB Percent	76%, 62%, 40%
CMY	0.2358, 0.3848, 0.5965
CMYK	0.00, 0.19, 0.47, 0.24
HSL	35°, 43%, 58%
HSV	35°, 47%, 76%
XYZ	36.9481, 36.6320, 17.9238
YIQ	162.2060, 39.9820, -8.7380

Conversions

Conversions Part 2

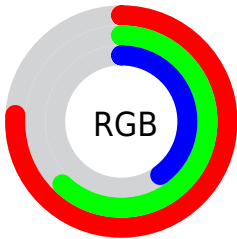
Format	Color
R_{YB}	168, 195, 103
Decimal	12819815
CIE _{Lab}	67.00, 7.15, 33.49
CIE _{LCh}	67, 34.248, 77.944
Yxy	36.6320, 0.4038, 0.4003
Android (android.graphics.Color)	4291009895 (0xFFC39D67)
YUV	162.2060, -29.1886, 28.7603
Hunter-Lab	60.5244, 3.0508, 24.8088

Details

The CIELCh color $67, 34.248, 77.944$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $58, 32.177, 272.897$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 34.033, 77.581$, and $47, 34.016, 78.090$ is the 20% darker color. If you saturate the color by 10%, you get $65, 41.977, 76.511$, and if you desaturate by 10%, it is $69, 26.609, 79.339$.

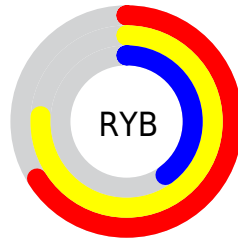
Distribution



Red (76%)

Green (62%)

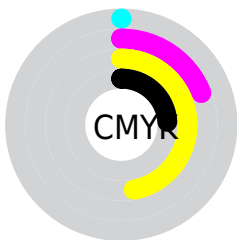
Blue (40%)



Red (66%)

Yellow (76%)

Blue (40%)

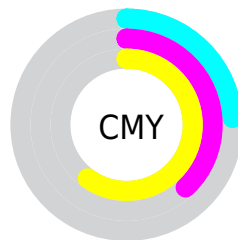


Cyan (0%)

Magenta (19%)

Yellow (47%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 34.248, 77.944 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, 34.248, 77.944 by changing the saturation by 10% instead.

■ 67, 34.248, 77.944

■ 67, 34.248, 77.944

■ 100, 34.248,
77.944

■ 57, 34.248, 77.944

■ 87, 34.248, 77.944

■ 47, 34.248, 77.944

■ 97, 34.248, 77.944

■ 37, 34.248, 77.944

■ 27, 34.248, 77.944

■ 17, 34.248, 77.944

■ 7, 34.248, 77.944

■ 0, 34.248, 77.944

■ 67, 34.248, 77.944

■ 67, 34.248, 77.944

■ 65, 41.977, 76.511

■ 69, 26.609, 79.339

62, 49.597, 74.992

72, 19.153, 80.693

60, 56.724, 73.313

74, 11.916, 82.007

58, 62.701, 71.314

77, 4.906, 83.259

56, 66.770, 68.775

79, 1.887, 264.721

56, 67.805, 68.062

82, 8.476, 265.801

85, 14.881,
266.939

87, 19.366,
265.348

89, 17.158,
250.434

Harmonies

Complementary

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



67, 34.248, 77.944



58, 32.177, 272.897

Rectangle

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



67, 34.248, 77.944



67, 34.248, 127.944



67, 34.248, 257.944



67, 34.248, 307.944

Sweetspot

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



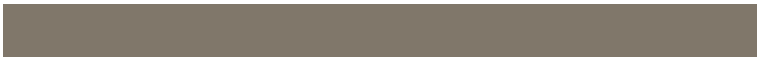
67, 34.248, 77.949



95, 11.907, 82.390



55, 41.360, 353.889



50, 8.318, 82.109



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, 34.248, 77.949



82, 51.645, 76.410



76, 47.781, 109.580



40, 3.858, 82.998



46, 58.700, 68.598



7, 11.814, 68.633

Inverse Universe

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



58, 32.177, 272.897



68, 48.053, 275.925



48, 54.143, 299.089



39, 3.822, 265.509



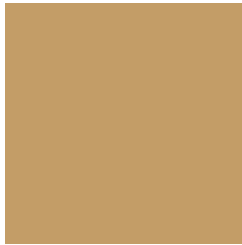
31, 59.753, 291.032



4, 14.022, 275.650

Previews

White Background



This preview shows how the CIELCh color 67, 34.248, 77.944 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, 34.248, 77.944 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, 34.248, 77.944

Background



This preview shows how black text looks on a background with the CIELCh color 67, 34.248, 77.944.



This preview shows how white text looks on a background with the CIELCh color 67, 34.248, 77.944.

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, 34.248, 77.944

Protanopia

67, 32.225, 95.256

Deuteranopia

67, 34.538, 75.701



Tritanopia
67, 20.471, 4.388

Trichromacy



Original Color
67, 34.248, 77.944

Protanomaly
67, 32.734, 89.115

Deuteranomaly
67, 34.291, 76.313

Tritanomaly
67, 19.995, 41.679

Monochromacy



Original Color
67, 34.248, 77.944

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 11.905, 80.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 34.248, 77.944 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(195, 157, 103)` looks like.

```
.text, #text, p{  
    color:rgb(195, 157, 103)  
}
```

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(195, 157, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 157, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 34.248, 77.944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

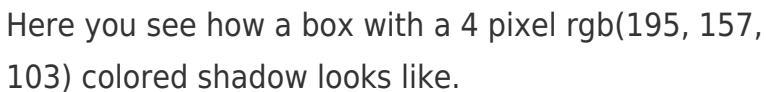
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 157, 103) }
```

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

```
.border{ border-color:rgb(195, 157, 103) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 157, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 157, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 157, 103); box-shadow:4px 4px 4px 4px rgb(195, 157, 103) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 34.248, 77.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 157, 103) }
```

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

```
.background{ background-color: rgb(195,  
157, 103) }
```

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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