

Converting Colors

CIELCh(67, 24.791, 82.460)

Have a look what the booklet for
CIELCh(67, 24.791, 82.460) contains.

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Color

CIELCh(67, 24.988, 82.665)

Conversions

Conversions Part 1

Format	Color
Hex	B9A077
RGB	185, 160, 119
RGB Percent	73%, 63%, 47%
CMY	0.2758, 0.3738, 0.5345
CMYK	0.00, 0.14, 0.36, 0.28
HSL	37°, 32%, 59%
HSV	37°, 36%, 72%
XYZ	35.7574, 36.6320, 22.5447
YIQ	162.8010, 28.0610, -7.4510

Conversions

Conversions Part 2

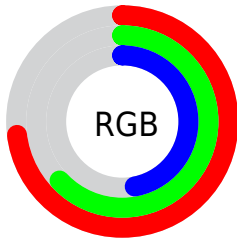
Format	Color
RYB	159, 185, 119
Decimal	12165239
CIELab	67.00, 3.19, 24.78
CIElCh	67, 24.988, 82.665
Yxy	36.6320, 0.3767, 0.3859
Android (android.graphics.Color)	4290355319 (0xFFB9A077)
YUV	162.8010, -21.5939, 19.4685
Hunter-Lab	60.5244, -0.4611, 20.2822

Details

The CIELCh color $67, 24.988, 82.665$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $59, 24.271, 273.176$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 24.865, 82.898$, and $47, 25.176, 82.919$ is the 20% darker color. If you saturate the color by 10%, you get $65, 32.350, 81.283$, and if you desaturate by 10%, it is $69, 17.762, 84.018$.

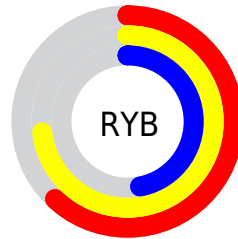
Distribution



Red (73%)

Green (63%)

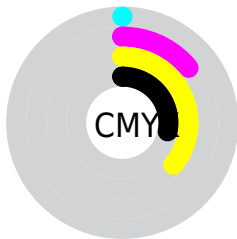
Blue (47%)



Red (62%)

Yellow (73%)

Blue (47%)

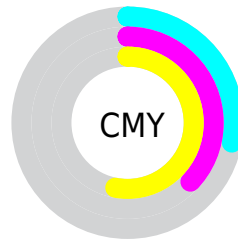


Cyan (0%)

Magenta (14%)

Yellow (36%)

Black (28%)



Cyan (28%)

Magenta (37%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 24.988, 82.665 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, 24.988, 82.665 by changing the saturation by 10% instead.

■ 67, 24.988, 82.665

■ 67, 24.988, 82.665

■ 100, 24.988,
82.665

■ 57, 24.988, 82.665

■ 87, 24.988, 82.665

■ 47, 24.988, 82.665

■ 97, 24.988, 82.665

■ 37, 24.988, 82.665

■ 27, 24.988, 82.665

■ 17, 24.988, 82.665

■ 7, 24.988, 82.665

■ 0, 24.988, 82.665

■ 67, 24.988, 82.665

■ 67, 24.988, 82.665

■ 65, 32.350, 81.283

■ 69, 17.762, 84.018

63, 39.756, 79.848

71, 10.709, 85.323

61, 47.023, 78.340

74, 3.841, 86.554

59, 53.805, 76.697

76, 2.846, 267.941

57, 59.517, 74.795

78, 9.363, 269.059

55, 63.409, 72.430

81, 15.722,
270.179

55, 64.814, 71.380

83, 21.937,
271.254

85, 22.608,
265.969

87, 20.477,
255.156

Harmonies

Complementary

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



67, 24.988, 82.665



59, 24.271, 273.176

Rectangle

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



67, 24.988, 82.665



67, 24.988, 132.665



67, 24.988, 262.665



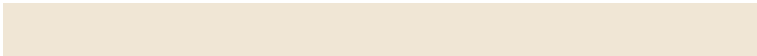
67, 24.988, 312.665

Sweetspot

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



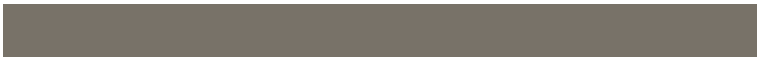
67, 24.989, 82.671



92, 9.201, 85.897



57, 29.553, 354.329



48, 6.191, 85.729



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 24.989, 82.671



83, 37.525, 81.566



73, 35.181, 111.962



38, 3.806, 86.125



46, 57.073, 71.842



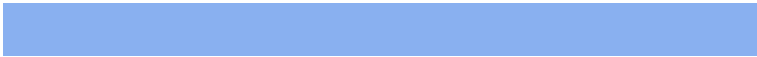
6, 9.311, 75.138

Inverse Universe

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



59, 24.271, 273.176



71, 36.248, 274.990



53, 38.354, 298.386



36, 3.786, 268.597



28, 61.842, 293.324



3, 11.384, 275.439

Previews

White Background



This preview shows how the CIELCh color 67, 24.988, 82.665 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, 24.988, 82.665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

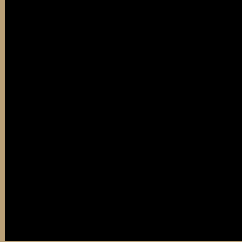
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 24.988, 82.665

Background



This preview shows how black text looks on a background with the CIELCh color 67, 24.988, 82.665.



This preview shows how white text looks on a background with the CIELCh color 67, 24.988, 82.665.

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, 24.988, 82.665

Protanopia

67, 24.071, 95.601

Deuteranopia

67, 26.042, 70.668



Tritanopia
67, 15.177, 357.455

Trichromacy



Original Color
67, 24.988, 82.665

Protanomaly
67, 24.136, 90.469

Deuteranomaly
67, 25.410, 74.347

Tritanomaly
67, 13.644, 39.164

Monochromacy



Original Color
67, 24.988, 82.665

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.997, 85.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 24.988, 82.665 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(185, 160, 119)` looks like.

```
.text, #text, p{  
    color:rgb(185, 160, 119)  
}
```

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(185, 160, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 160, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 24.988, 82.665 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(185, 160, 119) }
```

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

```
.border{ border-color:rgb(185, 160, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 160, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 160, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 160, 119);  
box-shadow:4px 4px 4px 4px rgb(185, 160,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 24.988, 82.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 160, 119) }
```

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

```
.background{ background-color: rgb(185,  
160, 119) }
```

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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