

Converting Colors

CIELCh(66, 39.071, 95.633)

Have a look what the booklet for
CIELCh(66, 39.071, 95.633) contains.

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Color

CIELCh(66, 39.163, 94.997)

Conversions

Conversions Part 1

Format	Color
Hex	B1A059
RGB	177, 160, 89
RGB Percent	69%, 63%, 35%
CMY	0.3049, 0.3716, 0.6501
CMYK	0.00, 0.10, 0.50, 0.30
HSL	48°, 36%, 52%
HSV	48°, 50%, 70%
XYZ	32.6115, 35.3238, 14.5991
YIQ	156.9890, 32.9230, -18.4770

Conversions

Conversions Part 2

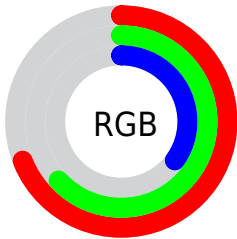
Format	Color
RYB	110, 177, 89
Decimal	11640921
CIELab	66.00, -3.41, 39.01
CIELCh	66, 39.163, 94.997
Yxy	35.3238, 0.3951, 0.4280
Android (android.graphics.Color)	4289831001 (0xFFB1A059)
YUV	156.9890, -33.5186, 17.5496
Hunter-Lab	59.4338, -6.0659, 27.0399

Details

The CIELCh color **66, 39.163, 94.997** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **47, 42.123, 288.921**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 39.543, 95.489**, and **46, 39.319, 95.425** is the 20% darker color. If you saturate the color by 10%, you get **65, 46.580, 93.779**, and if you desaturate by 10%, it is **67, 31.408, 96.212**.

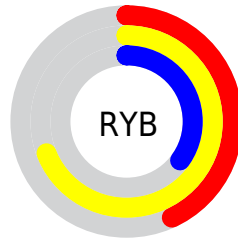
Distribution



Red (69%)

Green (63%)

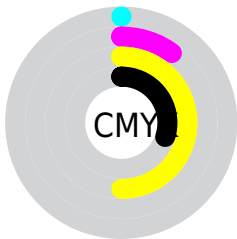
Blue (35%)



Red (43%)

Yellow (69%)

Blue (35%)

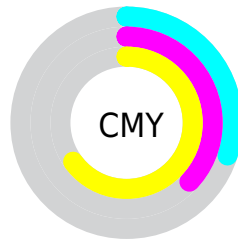


Cyan (0%)

Magenta (10%)

Yellow (50%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 39.163, 94.997 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, 39.163, 94.997 by changing the saturation by 10% instead.

66, 39.163, 94.997

66, 39.163, 94.997

100, 39.163,
94.997

56, 39.163, 94.997

86, 39.163, 94.997

46, 39.163, 94.997

96, 39.163, 94.997

36, 39.163, 94.997

26, 39.163, 94.997

16, 39.163, 94.997

6, 39.163, 94.997

0, 39.163, 94.997

66, 39.163, 94.997

66, 39.163, 94.997

65, 46.580, 93.779

67, 31.408, 96.212

64, 53.351, 92.545

68, 23.500, 97.407

63, 59.015, 91.287

70, 15.547, 98.579

62, 62.991, 89.966

71, 7.611, 99.716

61, 65.191, 88.556

72, 0.274, 281.356

61, 65.263, 88.509

74, 8.090, 281.932

75, 15.829,
282.950

77, 23.487,
283.926

78, 31.064,
284.857

Harmonies

Complementary

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



66, 39.163, 94.997



47, 42.123, 288.921

Rectangle

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



66, 39.163, 94.997



66, 39.163, 144.997



66, 39.163, 274.997



66, 39.163, 324.997

Sweetspot

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



66, 39.164, 95.001



89, 14.612, 99.086



49, 38.169, 10.003



47, 9.966, 98.850



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 39.164, 95.001



82, 57.679, 93.612



69, 47.708, 119.034



37, 4.486, 99.753



53, 58.617, 88.700



7, 9.959, 95.614

Inverse Universe

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



47, 42.123, 288.921



53, 64.029, 291.740



44, 53.150, 305.514



35, 4.539, 281.919



21, 79.508, 302.279



2, 11.394, 283.292

Previews

White Background



This preview shows how the CIELCh color 66, 39.163, 94.997 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, 39.163, 94.997 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, 39.163, 94.997

Background



This preview shows how black text looks on a background with the CIELCh color 66, 39.163, 94.997.



This preview shows how white text looks on a background with the CIELCh color 66, 39.163, 94.997.

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

66, 39.163, 94.997

Protanopia

66, 39.454, 96.362

Deuteranopia

66, 39.422, 77.352



Tritanopia
66, 14.139, 355.420

Trichromacy



Original Color
66, 39.163, 94.997

Protanomaly
66, 39.454, 96.362

Deuteranomaly
66, 39.078, 84.209

Tritanomaly
66, 15.361, 62.825

Monochromacy



Original Color
66, 39.163, 94.997

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 14.564, 98.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 39.163, 94.997 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(177, 160, 89)` looks like.

```
.text, #text, p{  
    color:rgb(177, 160, 89)  
}
```

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(177, 160, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 160, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 39.163, 94.997 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(177, 160, 89) }
```

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

```
.border{ border-color:rgb(177, 160, 89) }
```

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

Here you see how a box with a 4 pixel rgb(177, 160, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 160, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 160, 89);  
box-shadow:4px 4px 4px 4px rgb(177, 160,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 39.163, 94.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 160, 89) }
```

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

```
.background{ background-color: rgb(177,  
160, 89) }
```

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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