

Converting Colors

CIELCh(67, 39.492, 97.322)

Have a look what the booklet for
CIELCh(67, 39.492, 97.322) contains.

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Color

CIELCh(67, 39.704, 97.761)

Conversions

Conversions Part 1

Format	Color
Hex	B1A45B
RGB	177, 164, 91
RGB Percent	69%, 64%, 36%
CMY	0.3061, 0.3570, 0.6433
CMYK	0.00, 0.07, 0.49, 0.31
HSL	51°, 36%, 53%
HSV	51°, 49%, 69%
XYZ	33.2755, 36.6320, 15.2055
YIQ	159.5650, 31.1810, -19.9470

Conversions

Conversions Part 2

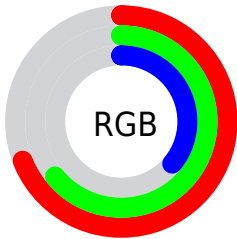
Format	Color
RYB	106, 177, 91
Decimal	11641947
CIELab	67.00, -5.36, 39.34
CIELCh	67, 39.704, 97.761
Yxy	36.6320, 0.3910, 0.4304
Android (android.graphics.Color)	4289832027 (0xFFB1A45B)
YUV	159.5650, -33.8025, 15.2905
Hunter-Lab	60.5244, -7.7806, 27.4717

Details

The CIELCh color **67, 39.704, 97.761** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **46, 43.324, 290.824**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 39.606, 97.976**, and **47, 39.502, 97.694** is the 20% darker color. If you saturate the color by 10%, you get **66, 47.301, 96.629**, and if you desaturate by 10%, it is **68, 31.728, 98.906**.

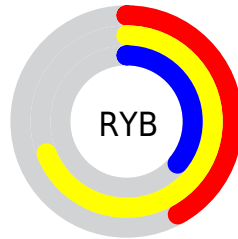
Distribution



Red (69%)

Green (64%)

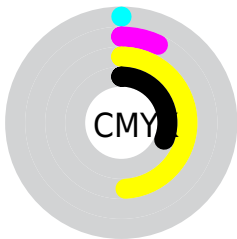
Blue (36%)



Red (42%)

Yellow (69%)

Blue (36%)

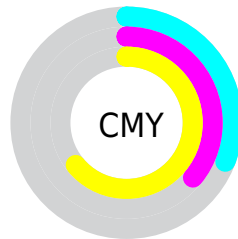


Cyan (0%)

Magenta (7%)

Yellow (49%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 39.704, 97.761 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, 39.704, 97.761 by changing the saturation by 10% instead.

67, 39.704, 97.761

67, 39.704, 97.761

100, 39.704,
97.761

57, 39.704, 97.761

87, 39.704, 97.761

47, 39.704, 97.761

97, 39.704, 97.761

37, 39.704, 97.761

27, 39.704, 97.761

17, 39.704, 97.761

7, 39.704, 97.761

0, 39.704, 97.761

67, 39.704, 97.761

67, 39.704, 97.761

66, 47.301, 96.629

68, 31.728, 98.906

65, 54.214, 95.509

69, 23.561,
100.042

64, 59.997, 94.405

70, 15.317,
101.162

64, 64.102, 93.306

63, 66.323, 92.187

71, 7.064, 102.253

63, 66.602, 92.031

72, 1.161, 283.441

74, 9.335, 284.382

75, 17.446,
285.366

76, 25.488,
286.310

77, 33.458,
287.209

Harmonies

Complementary

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



67, 39.704, 97.761



46, 43.324, 290.824

Rectangle

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



67, 39.704, 97.761



67, 39.704, 147.761



67, 39.704, 277.761



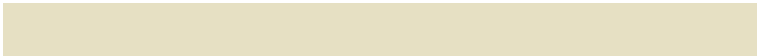
67, 39.704, 327.761

Sweetspot

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



67, 39.705, 97.764



89, 15.256, 101.531



49, 37.245, 12.310



47, 10.401, 101.305



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 39.705, 97.764



84, 57.805, 96.584



68, 47.008, 120.460



37, 4.688, 102.175



55, 59.888, 92.171



7, 10.572, 99.285

Inverse Universe

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



46, 43.324, 290.824



53, 65.118, 293.274



45, 51.949, 306.410



35, 4.756, 284.263



20, 82.923, 303.534



1, 11.797, 284.983

Previews

White Background



This preview shows how the CIELCh color 67, 39.704, 97.761 looks on a white background.

Color Contrast Check

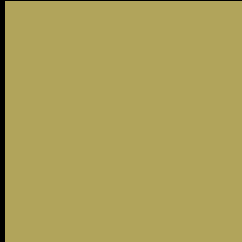
Large Text (above 18pt) WCAG AA × Fail

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, 39.704, 97.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

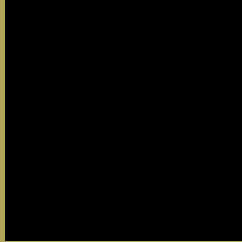
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 39.704, 97.761

Background



This preview shows how black text looks on a background with the CIELCh color 67, 39.704, 97.761.



This preview shows how white text looks on a background with the CIELCh color 67, 39.704, 97.761.

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, 39.704, 97.761

Protanopia

67, 39.472, 95.792

Deuteranopia

67, 39.750, 77.741



Tritanopia
67, 13.289, 350.902

Trichromacy



Original Color
67, 39.704, 97.761

Protanomaly
67, 39.388, 96.422

Deuteranomaly
67, 39.261, 85.115

Tritanomaly
67, 14.402, 66.220

Monochromacy



Original Color
67, 39.704, 97.761

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 14.452, 100.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 39.704, 97.761 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, 164, 91)` looks like.

```
.text, #text, p{  
    color:rgb(177, 164, 91)  
}
```

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, 164, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 164, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 39.704, 97.761 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, 164, 91) }
```

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

```
.border{ border-color:rgb(177, 164, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 164, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 164, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 164, 91);  
box-shadow:4px 4px 4px 4px rgb(177, 164,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 39.704, 97.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 164, 91) }
```

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

```
.background{ background-color: rgb(177,  
164, 91) }
```

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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