

Converting Colors

CIELCh(67, 37.695, 106.116)

Have a look what the booklet for
CIELCh(67, 37.695, 106.116)
contains.

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Color

CIELCh(67, 37.624, 106.226)

Conversions

Conversions Part 1

Format	Color
Hex	A7A761
RGB	167, 167, 97
RGB Percent	65%, 65%, 38%
CMY	0.3458, 0.3457, 0.6202
CMYK	0.00, 0.00, 0.42, 0.35
HSL	60°, 28%, 52%
HSV	60°, 42%, 65%
XYZ	31.8374, 36.6320, 16.6631
YIQ	159.0200, 22.4700, -21.7700

Conversions

Conversions Part 2

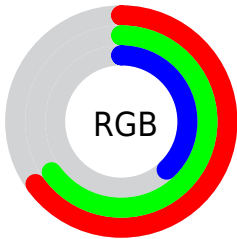
Format	Color
RYB	97, 167, 97
Decimal	10987361
CIELab	67.00, -10.51, 36.13
CIELCh	67, 37.624, 106.226
Yxy	36.6320, 0.3740, 0.4303
Android (android.graphics.Color)	4289177441 (0xFFA7A761)
YUV	159.0200, -30.5759, 6.9985
Hunter-Lab	60.5244, -12.0218, 26.0438

Details

The CIELCh color $67, 37.624, 106.226$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $44, 41.907, 295.785$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 37.521, 106.386$, and $47, 37.643, 105.713$ is the 20% darker color. If you saturate the color by 10%, you get $67, 45.908, 105.357$, and if you desaturate by 10%, it is $67, 28.933, 107.150$.

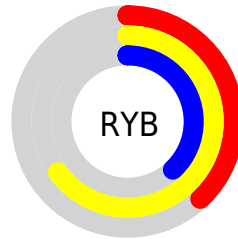
Distribution



Red (65%)

Green (65%)

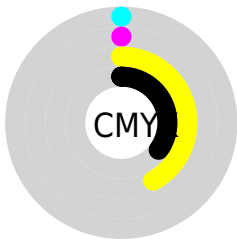
Blue (38%)



Red (38%)

Yellow (65%)

Blue (38%)

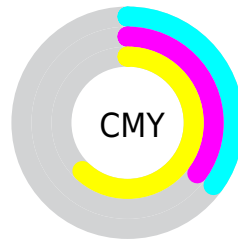


Cyan (0%)

Magenta (0%)

Yellow (42%)

Black (35%)



Cyan (35%)


Magenta (35%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 37.624, 106.226 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, 37.624, 106.226 by changing the saturation by 10% instead.

 67, 37.624,
106.226


 67, 37.624,
106.226


 100, 37.624,
106.226


 57, 37.624,
106.226


 87, 37.624,
106.226

 47, 37.624,
106.226

 97, 37.624,
106.226

 37, 37.624,
106.226

 27, 37.624,
106.226

 17, 37.624,
106.226

 7, 37.624, 106.226

 0, 37.624, 106.226

67, 37.624,
106.226

67, 37.624,
106.226

67, 45.908,
105.357

67, 28.933,
107.150

67, 53.537,
104.564

68, 19.997,
108.097

67, 60.166,
103.888

68, 10.923,
109.049

66, 65.380,
103.366

68, 1.781, 109.969

66, 68.806,
103.029

69, 7.385, 290.936

66, 70.536,
102.860

69, 16.543,
291.832

70, 25.673,
292.697

71, 34.759,
293.524

■ 71, 43.788,
294.312

Harmonies

Complementary

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



67, 37.624, 106.226



44, 41.907, 295.785

Rectangle

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



67, 37.624, 106.226



67, 37.624, 156.226



67, 37.624, 286.226



67, 37.624, 336.226

Sweetspot

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



67, 37.625, 106.229



86, 14.696, 108.927



49, 30.920, 23.514



46, 10.360, 108.724



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 37.625, 106.229



85, 54.772, 105.445



64, 40.558, 127.136



36, 5.211, 109.301



59, 64.564, 102.860



6, 9.557, 110.184

Inverse Universe

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



44, 41.907, 295.785



51, 62.955, 297.498



47, 43.054, 311.141



32, 5.323, 291.127



16, 89.150, 306.288



0, 9.559, 290.182

Previews

White Background



This preview shows how the CIELCh color 67, 37.624, 106.226 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, 37.624, 106.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

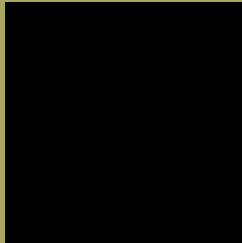
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 37.624, 106.226

Background



This preview shows how black text looks on a background with the CIELCh color 67, 37.624, 106.226.



This preview shows how white text looks on a background with the CIELCh color 67, 37.624, 106.226.

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, 37.624, 106.226

Protanopia

67, 37.453, 95.506

Deuteranopia

67, 36.433, 77.083



Tritanopia
67, 9.673, 332.378

Trichromacy



Original Color
67, 37.624, 106.226

Protanomaly
67, 37.037, 98.858

Deuteranomaly
67, 35.747, 87.977

Tritanomaly
67, 10.342, 83.994

Monochromacy



Original Color
67, 37.624, 106.226

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 14.305, 108.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 37.624, 106.226 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(167, 167, 97)` looks like.

```
.text, #text, p{  
    color:rgb(167, 167, 97)  
}
```

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(167, 167, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 167, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 37.624, 106.226 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(167, 167, 97) }
```

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

```
.border{ border-color:rgb(167, 167, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 167, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 167, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 167, 97);  
box-shadow:4px 4px 4px 4px rgb(167, 167,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 37.624, 106.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 167, 97) }
```

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

```
.background{ background-color: rgb(167,  
167, 97) }
```

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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