

Converting Colors

CIELCh(65, 47.588, 106.154)

Have a look what the booklet for
CIELCh(65, 47.588, 106.154)
contains.

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Color

CIELCh(65, 47.588, 106.154)

Conversions

Conversions Part 1

Format	Color
Hex	A1A349
RGB	161, 163, 73
RGB Percent	63%, 64%, 29%
CMY	0.3704, 0.3625, 0.7153
CMYK	0.01, 0.00, 0.55, 0.36
HSL	61°, 38%, 46%
HSV	61°, 55%, 64%
XYZ	28.8171, 34.0472, 11.2851
YIQ	152.1420, 27.6980, -28.4140

Conversions

Conversions Part 2

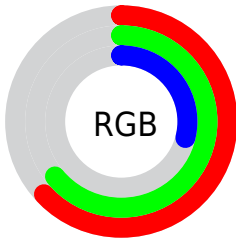
Format	Color
RYB	73, 163, 75
Decimal	10593097
CIELab	65.00, -13.24, 45.71
CIELCh	65, 47.588, 106.154
Yxy	34.0472, 0.3886, 0.4592
Android (android.graphics.Color)	4288783177 (0xFFA1A349)
YUV	152.1420, -39.0170, 7.7685
Hunter-Lab	58.3500, -13.9571, 29.3780

Details

The CIELCh color $65, 47.588, 106.154$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $36, 55.581, 298.894$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 47.476, 106.088$, and $45, 47.747, 106.431$ is the 20% darker color. If you saturate the color by 10%, you get $65, 54.781, 105.441$, and if you desaturate by 10%, it is $65, 39.658, 106.968$.

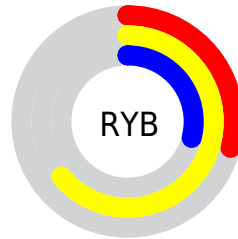
Distribution



Red (63%)

Green (64%)

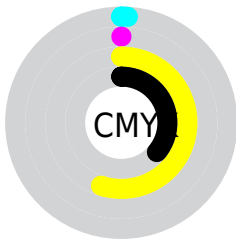
Blue (29%)



Red (29%)

Yellow (64%)

Blue (29%)

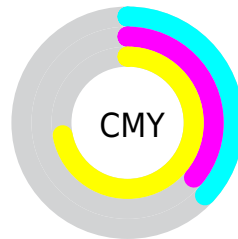


Cyan (1%)

Magenta (0%)

Yellow (55%)

Black (36%)



Cyan (37%)


Magenta (36%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 47.588, 106.154 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 65, 47.588, 106.154 by changing the saturation by 10% instead.


 65, 47.588,
106.154


 65, 47.588,
106.154


 100, 47.588,
106.154


 55, 47.588,
106.154


 85, 47.588,
106.154

 45, 47.588,
106.154

 95, 47.588,
106.154

 35, 47.588,
106.154

 25, 47.588,
106.154

 15, 47.588,
106.154

 5, 47.588, 106.154

 0, 47.588, 106.154

65, 47.588,
106.154

65, 47.588,
106.154

65, 54.781,
105.441

65, 39.658,
106.968

65, 60.872,
104.864

65, 31.259,
107.840

65, 65.451,
104.469

66, 22.575,
108.746

65, 68.233,
104.284

66, 13.725,
109.663

64, 69.235,
104.231

67, 4.788, 110.570

67, 4.185, 291.490

68, 13.160,
292.354

68, 22.113,
293.193

■ 69, 31.026,
293.997

Harmonies

Complementary

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



65, 47.588, 106.154



36, 55.581, 298.894

Rectangle

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



65, 47.588, 106.154



65, 47.588, 156.154



65, 47.588, 286.154



65, 47.588, 336.154

Sweetspot

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



65, 47.589, 106.156



84, 18.834, 109.482



43, 40.978, 27.061



45, 12.689, 109.308



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 47.589, 106.156



82, 68.174, 105.320



62, 51.791, 127.187



34, 5.081, 110.217



58, 63.778, 104.218



5, 7.949, 111.355

Inverse Universe

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



36, 55.581, 298.894



39, 83.633, 301.321



40, 55.967, 312.327



32, 5.191, 291.965



16, 87.898, 306.376



0, 7.949, 290.979

Previews

White Background



This preview shows how the CIELCh color 65, 47.588, 106.154 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 CIE LCh color 65, 47.588, 106.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

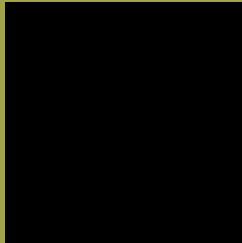
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 47.588, 106.154

Background



This preview shows how black text looks on a background with the CIELCh color 65, 47.588, 106.154.



This preview shows how white text looks on a background with the CIELCh color 65, 47.588, 106.154.

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


65, 47.588, 106.154

Protanopia

65, 47.017, 95.761

Deuteranopia

65, 45.408, 79.568



Tritanopia
65, 9.327, 334.686

Trichromacy



Original Color
65, 47.588, 106.154

Protanomaly
65, 46.967, 99.654

Deuteranomaly
65, 44.916, 89.697

Tritanomaly
65, 14.558, 90.626

Monochromacy



Original Color
65, 47.588, 106.154

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 18.257, 109.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 47.588, 106.154 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(161, 163, 73)` looks like.

```
.text, #text, p{  
    color:rgb(161, 163, 73)  
}
```

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(161, 163, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 163, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 47.588, 106.154 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(161, 163, 73) }
```

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

```
.border{ border-color:rgb(161, 163, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 163, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 163, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 163, 73);  
box-shadow:4px 4px 4px 4px rgb(161, 163,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 47.588, 106.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 163, 73) }
```

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

```
.background{ background-color: rgb(161,  
163, 73) }
```

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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