

Converting Colors

CIELCh(77, 51.519, 107.298)

Have a look what the booklet for
CIELCh(77, 51.519, 107.298)
contains.

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Color

CIELCh(77, 51.462, 107.269)

Conversions

Conversions Part 1

Format	Color
Hex	C0C460
RGB	192, 196, 96
RGB Percent	75%, 77%, 38%
CMY	0.2471, 0.2313, 0.6235
CMYK	0.02, 0.00, 0.51, 0.23
HSL	62°, 46%, 57%
HSV	62°, 51%, 77%
XYZ	43.5902, 51.5317, 18.7161
YIQ	183.4040, 29.7160, -31.9480

Conversions

Conversions Part 2

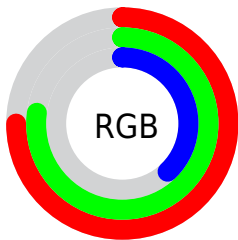
Format	Color
RYB	96, 196, 100
Decimal	12633184
CIELab	77.00, -15.28, 49.14
CIElCh	77, 51.462, 107.269
Yxy	51.5317, 0.3829, 0.4527
Android (android.graphics.Color)	4290823264 (0xFFC0C460)
YUV	183.4040, -43.0902, 7.5387
Hunter-Lab	71.7856, -17.2346, 34.7917

Details

The CIELCh color $77, 51.462, 107.269$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $46, 59.247, 298.622$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 51.262, 107.110$, and $57, 51.389, 107.201$ is the 20% darker color. If you saturate the color by 10%, you get $77, 60.192, 106.538$, and if you desaturate by 10%, it is $77, 41.992, 108.093$.

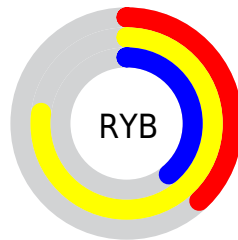
Distribution



Red (75%)

Green (77%)

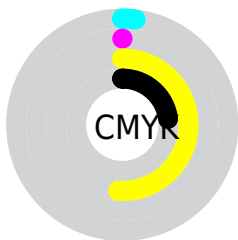
Blue (38%)



Red (38%)

Yellow (77%)

Blue (39%)

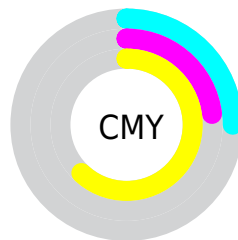


Cyan (2%)

Magenta (0%)

Yellow (51%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 51.462, 107.269 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 77, 51.462, 107.269 by changing the saturation by 10% instead.


 77, 51.462,
107.269

 77, 51.462,
107.269


 100, 51.462,
107.269

 67, 51.462,
107.269

 97, 51.462,
107.269

 57, 51.462,
107.269

 47, 51.462,
107.269

 37, 51.462,
107.269

 27, 51.462,
107.269

 17, 51.462,
107.269

 7, 51.462, 107.269

0, 51.462, 107.269

77, 51.462,
107.269

77, 51.462,
107.269

77, 60.192,
106.538

77, 41.992,
108.093

77, 67.785,
105.938

78, 32.060,
108.967

76, 73.756,
105.522

78, 21.853,
109.865

76, 77.669,
105.334

79, 11.492,
110.767

76, 79.604,
105.338

79, 1.056, 111.619

80, 9.403, 292.543

80, 19.850,

293.382

■ 81, 30.260,
294.189

■ 81, 31.428,
294.686

Harmonies

Complementary

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



77, 51.462, 107.269



46, 59.247, 298.622

Rectangle

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



77, 51.462, 107.269



77, 51.462, 157.269



77, 51.462, 287.269



77, 51.462, 337.269

Sweetspot

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



77, 51.463, 107.272



99, 19.350, 110.388



54, 42.996, 27.369



53, 13.192, 110.194



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 51.463, 107.272



97, 74.310, 106.476



74, 56.160, 127.897



41, 5.859, 110.916



64, 68.687, 105.302



12, 18.646, 109.173

Inverse Universe

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



46, 59.247, 298.622



51, 89.363, 300.748



50, 60.152, 312.670



37, 5.989, 292.651



18, 94.506, 306.427



1, 19.491, 292.219

Previews

White Background



This preview shows how the CIELCh color 77, 51.462, 107.269 looks on a white background.

Color Contrast Check

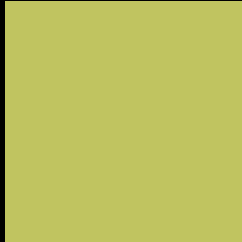
Large Text (above 18pt) WCAG AA × Fail

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 77, 51.462, 107.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

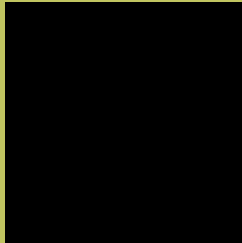
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 51.462, 107.269

Background



This preview shows how black text looks on a background with the CIELCh color 77, 51.462, 107.269.



This preview shows how white text looks on a background with the CIELCh color 77, 51.462, 107.269.

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

77, 51.462, 107.269

Protanopia

77, 50.575, 95.598

Deuteranopia

77, 48.950, 78.426



Tritanopia
77, 10.051, 331.845

Trichromacy



Original Color
77, 51.462, 107.269

Protanomaly
77, 50.398, 100.051

Deuteranomaly
77, 47.830, 88.939

Tritanomaly
77, 14.953, 93.586

Monochromacy



Original Color
77, 51.462, 107.269

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 19.799, 110.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 51.462, 107.269 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(192, 196, 96)` looks like.

```
.text, #text, p{  
    color:rgb(192, 196, 96)  
}
```

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(192, 196, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 196, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 51.462, 107.269 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(192, 196, 96) }
```

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

```
.border{ border-color:rgb(192, 196, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 196, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 196, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 196, 96);  
box-shadow:4px 4px 4px 4px rgb(192, 196,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 51.462, 107.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 196, 96) }
```

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

```
.background{ background-color: rgb(192,  
196, 96) }
```

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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