

Converting Colors

CIELCh(77, 48.603, 106.141)

Have a look what the booklet for
CIELCh(77, 48.603, 106.141)
contains.

CIELCh(77, 48.632, 106.121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 48.632, 106.121)

Conversions

Conversions Part 1

Format	Color
Hex	C2C365
RGB	194, 195, 101
RGB Percent	76%, 76%, 40%
CMY	0.2386, 0.2347, 0.6033
CMYK	0.01, 0.00, 0.48, 0.23
HSL	61°, 44%, 58%
HSV	61°, 48%, 77%
XYZ	44.1945, 51.5317, 19.9661
YIQ	183.9850, 29.5780, -29.4460

Conversions

Conversions Part 2

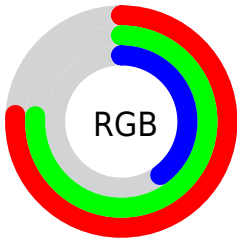
Format	Color
RYB	101, 195, 102
Decimal	12764005
CIELab	77.00, -13.50, 46.72
CIELCh	77, 48.632, 106.121
Yxy	51.5317, 0.3820, 0.4454
Android (android.graphics.Color)	4290954085 (0xFFC2C365)
YUV	183.9850, -40.9116, 8.7832
Hunter-Lab	71.7856, -15.7322, 33.7593

Details

The CIELCh color $77, 48.632, 106.121$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $47, 55.444, 297.332$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 48.434, 105.960$, and $57, 48.843, 106.564$ is the 20% darker color. If you saturate the color by 10%, you get $77, 57.573, 105.311$, and if you desaturate by 10%, it is $77, 39.044, 107.009$.

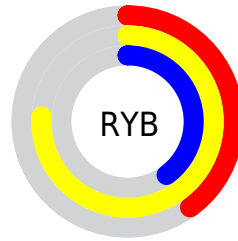
Distribution



Red (76%)

Green (76%)

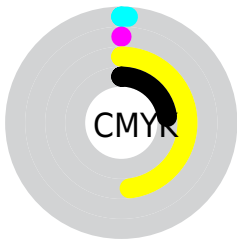
Blue (40%)



Red (40%)

Yellow (76%)

Blue (40%)

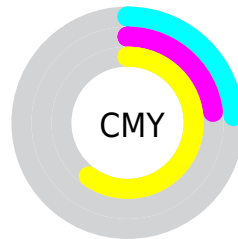


Cyan (1%)

Magenta (0%)

Yellow (48%)

Black (23%)



Cyan (24%)


Magenta (23%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 48.632, 106.121 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, 48.632, 106.121 by changing the saturation by 10% instead.


 77, 48.632,
106.121


 77, 48.632,
106.121


 100, 48.632,
106.121


 67, 48.632,
106.121


 97, 48.632,
106.121

 57, 48.632,
106.121

 47, 48.632,
106.121

 37, 48.632,
106.121

 27, 48.632,
106.121

 17, 48.632,
106.121

 7, 48.632, 106.121

■ 0, 48.632, 106.121

■ 77, 48.632,
106.121

■ 77, 48.632,
106.121

■ 77, 57.573,
105.311

■ 77, 39.044,
107.009

■ 77, 65.502,
104.608

■ 78, 29.057,
107.936

■ 76, 71.952,
104.058

■ 78, 18.837,
108.881

■ 76, 76.454,
103.699

■ 78, 8.491, 109.825

■ 76, 78.891,
103.536

■ 79, 1.913, 290.797

■ 76, 79.253,
103.514

■ 80, 12.329,
291.682

■ 80, 22.725,

292.560

■ 81, 31.878,
293.321

■ 81, 31.879,
293.440

Harmonies

Complementary

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



77, 48.632, 106.121



47, 55.444, 297.332

Rectangle

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



77, 48.632, 106.121



77, 48.632, 156.121



77, 48.632, 286.121



77, 48.632, 336.121

Sweetspot

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



77, 48.633, 106.124



98, 17.907, 109.256



54, 41.184, 24.716



53, 12.456, 109.048



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, 48.633, 106.124



97, 70.619, 105.256



74, 52.552, 126.844



41, 5.856, 109.713



64, 68.609, 103.505



12, 18.621, 107.369

Inverse Universe

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



47, 55.444, 297.332



52, 83.959, 299.522



51, 56.397, 311.499



37, 5.985, 291.542



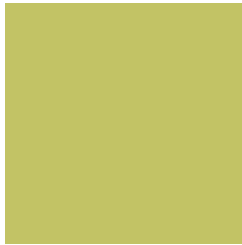
18, 94.666, 306.324



1, 19.482, 291.422

Previews

White Background



This preview shows how the CIELCh color 77, 48.632, 106.121 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 77, 48.632, 106.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

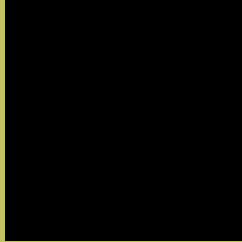
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 48.632, 106.121

Background



This preview shows how black text looks on a background with the CIELCh color 77, 48.632, 106.121.



This preview shows how white text looks on a background with the CIELCh color 77, 48.632, 106.121.

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, 48.632, 106.121

Protanopia

77, 48.218, 95.386

Deuteranopia

77, 46.455, 77.822



Tritanopia
77, 11.197, 334.374

Trichromacy



Original Color
77, 48.632, 106.121

Protanomaly
77, 48.078, 99.526

Deuteranomaly
77, 45.459, 88.359

Tritanomaly
77, 14.318, 88.017

Monochromacy



Original Color
77, 48.632, 106.121

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 18.184, 108.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 48.632, 106.121 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(194, 195, 101)` looks like.

```
.text, #text, p{  
    color:rgb(194, 195, 101)  
}
```

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(194, 195, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 195, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 48.632, 106.121 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(194, 195, 101) }
```

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

```
.border{ border-color:rgb(194, 195, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 195, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 195, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 195, 101);  
box-shadow:4px 4px 4px 4px rgb(194, 195,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 48.632, 106.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 195, 101) }
```

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

```
.background{ background-color: rgb(194,  
195, 101) }
```

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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