

Converting Colors

CIELCh(77, 66.926, 111.560)

Have a look what the booklet for
CIELCh(77, 66.926, 111.560)
contains.

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Color

CIELCh(77, 66.888, 111.458)

Conversions

Conversions Part 1

Format	Color
Hex	B4C841
RGB	180, 200, 65
RGB Percent	71%, 78%, 25%
CMY	0.2932, 0.2148, 0.7442
CMYK	0.10, 0.00, 0.67, 0.21
HSL	69°, 55%, 52%
HSV	69°, 67%, 79%
XYZ	40.5465, 51.5317, 12.8465
YIQ	178.6300, 31.4150, -46.2250

Conversions

Conversions Part 2

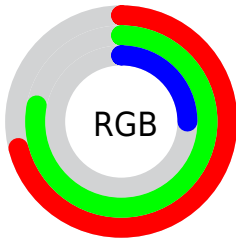
Format	Color
RYB	65, 200, 85
Decimal	11847745
CIELab	77.00, -24.47, 62.25
CIELCh	77, 66.888, 111.458
Yxy	51.5317, 0.3864, 0.4911
Android (android.graphics.Color)	4290037825 (0xFFB4C841)
YUV	178.6300, -56.0196, 1.2015
Hunter-Lab	71.7856, -24.8031, 39.6396

Details

The CIELCh color **77, 66.888, 111.458** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted chartreuse. A complement of this color would be **38, 81.245, 303.840**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 66.112, 111.097**, and **57, 64.912, 111.773** is the 20% darker color. If you saturate the color by 10%, you get **77, 73.740, 111.227**, and if you desaturate by 10%, it is **77, 58.590, 111.913**.

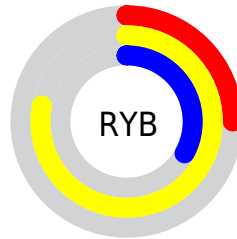
Distribution



Red (71%)

Green (78%)

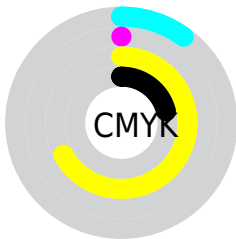
Blue (25%)



Red (25%)

Yellow (78%)

Blue (33%)

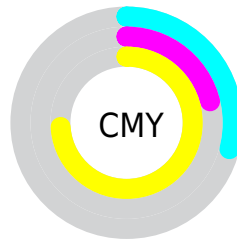


Cyan (10%)

Magenta (0%)

Yellow (67%)

Black (21%)



Cyan (29%)

Magenta (21%)

Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 66.888, 111.458 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, 66.888, 111.458 by changing the saturation by 10% instead.


 77, 66.888,
111.458

 77, 66.888,
111.458


 100, 66.888,
111.458


 67, 66.888,
111.458


 97, 66.888,
111.458

 57, 66.888,
111.458

 47, 66.888,
111.458

 37, 66.888,
111.458

 27, 66.888,
111.458

 17, 66.888,
111.458

 7, 66.888, 111.458

■ 0, 66.888, 111.458

■ 77, 66.888,
111.458

■ 77, 66.888,
111.458

■ 77, 73.740,
111.227

■ 77, 58.590,
111.913

■ 76, 78.658,
111.295

■ 78, 49.308,
112.514

■ 76, 81.436,
111.705

■ 78, 39.395,
113.202

■ 76, 82.000,
111.833

■ 79, 29.095,
113.938

■ 79, 18.569,
114.690

■ 80, 7.923, 115.439

■ 81, 2.773, 296.176

■ 82, 13.469,
296.880

■ 83, 24.132,
297.553

Harmonies

Complementary

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



77, 66.888, 111.458



38, 81.245, 303.840

Rectangle

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



77, 66.888, 111.458



77, 66.888, 161.458



77, 66.888, 291.458



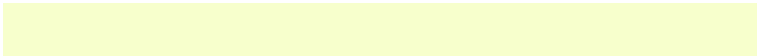
77, 66.888, 341.458

Sweetspot

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



77, 66.889, 111.460



98, 25.917, 114.474



51, 56.709, 36.685



52, 17.660, 114.259



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, 66.889, 111.460



95, 91.581, 111.217



73, 75.167, 130.587



42, 6.023, 115.294



63, 70.421, 111.707



13, 20.569, 114.686

Inverse Universe

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



38, 81.245, 303.840



40, 117.749, 305.757



45, 79.952, 316.213



38, 6.152, 296.720



19, 94.858, 306.927



1, 21.607, 295.647

Previews

White Background



This preview shows how the CIELCh color 77, 66.888, 111.458 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, 66.888, 111.458 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, 66.888, 111.458

Background



This preview shows how black text looks on a background with the CIELCh color 77, 66.888, 111.458.



This preview shows how white text looks on a background with the CIELCh color 77, 66.888, 111.458.

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





Tritanopia
77, 8.491, 308.222

Trichromacy



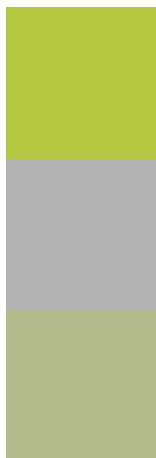
Original Color
77, 66.888, 111.458

Protanomaly
77, 64.408, 101.816

Deuteranomaly
76, 60.744, 92.312

Tritanomaly
77, 21.329, 111.367

Monochromacy



Original Color
77, 66.888, 111.458

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 26.360, 114.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 66.888, 111.458 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(180, 200, 65)` looks like.

```
.text, #text, p{  
    color:rgb(180, 200, 65)  
}
```

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(180, 200, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 200, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 66.888, 111.458 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(180, 200, 65) }
```

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

```
.border{ border-color:rgb(180, 200, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 200, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 200, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 200, 65);  
box-shadow:4px 4px 4px 4px rgb(180, 200,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 66.888, 111.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 200, 65) }
```

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

```
.background{ background-color: rgb(180,  
200, 65) }
```

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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