

Converting Colors

CIELCh(77, 67.696, 104.283)

Have a look what the booklet for
CIELCh(77, 67.696, 104.283)
contains.

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Color

CIELCh(77, 67.671, 104.263)

Conversions

Conversions Part 1

Format	Color
Hex	C3C439
RGB	195, 196, 57
RGB Percent	76%, 77%, 22%
CMY	0.2342, 0.2303, 0.7754
CMYK	0.01, 0.00, 0.71, 0.23
HSL	60°, 55%, 50%
HSV	60°, 71%, 77%
XYZ	43.1187, 51.5317, 11.5809
YIQ	179.8550, 44.0230, -43.4410

Conversions

Conversions Part 2

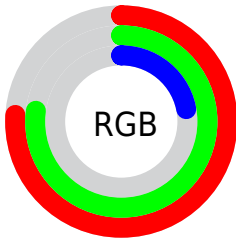
Format	Color
R_{YB}	57, 196, 58
Decimal	12829753
CIE _{Lab}	77.00, -16.67, 65.59
CIE _{LCh}	77, 67.671, 104.263
Yxy	51.5317, 0.4059, 0.4851
Android (android.graphics.Color)	4291019833 (0xFFC3C439)
YUV	179.8550, -60.5675, 13.2822
Hunter-Lab	71.7856, -18.4071, 40.6849

Details

The CIELCh color **77, 67.671, 104.263** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **34, 84.764, 302.036**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 67.528, 104.272**, and **57, 63.058, 104.971** is the 20% darker color. If you saturate the color by 10%, you get **77, 73.669, 103.753**, and if you desaturate by 10%, it is **77, 60.054, 104.940**.

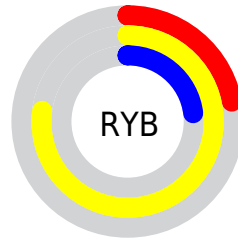
Distribution



Red (76%)

Green (77%)

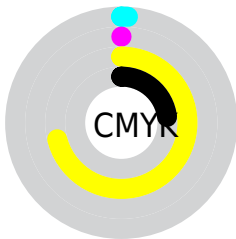
Blue (22%)



Red (22%)

Yellow (77%)

Blue (23%)

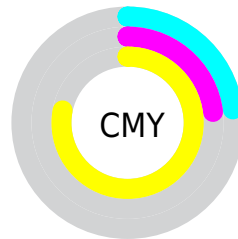


Cyan (1%)

Magenta (0%)

Yellow (71%)

Black (23%)



Cyan (23%)


Magenta (23%)

Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 67.671, 104.263 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, 67.671, 104.263 by changing the saturation by 10% instead.


 77, 67.671,
104.263

 77, 67.671,
104.263


 100, 67.671,
104.263

 67, 67.671,
104.263

 97, 67.671,
104.263

 57, 67.671,
104.263

 47, 67.671,
104.263

 37, 67.671,
104.263

 27, 67.671,
104.263

 17, 67.671,
104.263

 7, 67.671, 104.263

■ 0, 67.671, 104.263

■ 77, 67.671,
104.263

■ 77, 67.671,
104.263

■ 77, 73.669,
103.753

■ 77, 60.054,
104.940

■ 77, 77.610,
103.436

■ 77, 51.303,
105.733

■ 77, 79.583,
103.296

■ 78, 41.815,
106.608

■ 78, 31.869,
107.533

■ 78, 21.652,
108.481

■ 79, 11.284,
109.433

■ 79, 0.843, 110.311

■ 80, 9.621, 291.313

■ 80, 20.072,
292.205

Harmonies

Complementary

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



77, 67.671, 104.263



34, 84.764, 302.036

Rectangle

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



77, 67.671, 104.263



77, 67.671, 154.263



77, 67.671, 284.263



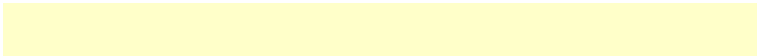
77, 67.671, 334.263

Sweetspot

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



77, 67.671, 104.265



99, 27.011, 108.432



46, 63.682, 30.633



53, 18.257, 108.165



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, 67.671, 104.265



97, 92.694, 103.553



72, 73.967, 126.307



41, 5.856, 109.570



64, 68.605, 103.290



12, 18.619, 107.154

Inverse Universe

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



34, 84.764, 302.036



36, 123.756, 304.923



40, 82.320, 312.452



37, 5.985, 291.410



18, 94.685, 306.312



1, 19.481, 291.328

Previews

White Background



This preview shows how the CIELCh color 77, 67.671, 104.263 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, 67.671, 104.263 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, 67.671, 104.263

Background



This preview shows how black text looks on a background with the CIELCh color 77, 67.671, 104.263.



This preview shows how white text looks on a background with the CIELCh color 77, 67.671, 104.263.

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, 67.671, 104.263

Protanopia
77, 66.674, 95.146

Deuteranopia
77, 65.391, 80.986



Tritanopia
77, 12.278, 339.517

Trichromacy



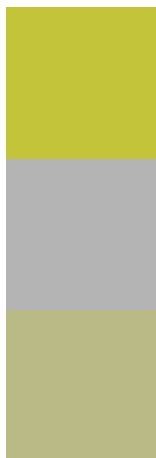
Original Color
77, 67.671, 104.263

Protanomaly
77, 66.904, 98.234

Deuteranomaly
77, 64.696, 89.839

Tritanomaly
77, 22.727, 92.624

Monochromacy



Original Color
77, 67.671, 104.263

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 27.208, 107.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 67.671, 104.263 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(195, 196, 57)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 57)  
}
```

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(195, 196, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 67.671, 104.263 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(195, 196, 57) }
```

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

```
.border{ border-color:rgb(195, 196, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 196, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 57);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 67.671, 104.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 57) }
```

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

```
.background{ background-color: rgb(195,  
196, 57) }
```

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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