

Converting Colors

CIELCh(76, 63.703, 120.105)

Have a look what the booklet for
CIELCh(76, 63.703, 120.105)
contains.

| | |
|--|----|
| CIELCh(76, 63.673, 120.111) | 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(76, 63.673, 120.111)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A0C94F |
| RGB | 160, 201, 79 |
| RGB Percent | 63%, 79%, 31% |
| CMY | 0.3720, 0.2112, 0.6897 |
| CMYK | 0.20, 0.00, 0.61, 0.21 |
| HSL | 80°, 53%, 55% |
| HSV | 80°, 61%, 79% |
| XYZ | 36.8560, 49.8872, 15.1076 |
| YIQ | 174.8330, 14.7260, -46.6340 |

Conversions

Conversions Part 2

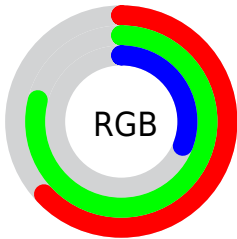
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 79, 201, 120 |
| Decimal | 10537295 |
| CIELab | 76.00, -31.94, 55.08 |
| CIELCh | 76, 63.673, 120.111 |
| Yxy | 49.8872, 0.3619, 0.4898 |
| Android (android.graphics.Color) | 4288727375 (0xFFA0C94F) |
| YUV | 174.8330, -47.2457, -13.0085 |
| Hunter-Lab | 70.6309, -30.4607, 36.7598 |

Details

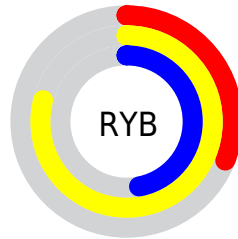
The CIELCh color **76, 63.673, 120.111** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **44, 72.689, 307.524**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 61.967, 119.545**, and **56, 63.839, 120.155** is the 20% darker color. If you saturate the color by 10%, you get **75, 72.047, 119.969**, and if you desaturate by 10%, it is **77, 54.220, 120.463**.

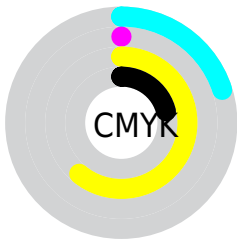
Distribution



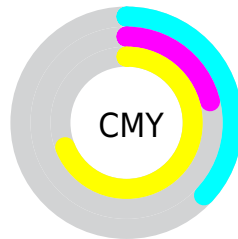
- Red (63%)
- Green (79%)
- Blue (31%)



- Red (31%)
- Yellow (79%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (61%)
- Black (21%)





- Cyan (37%)
- Magenta (21%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 63.673, 120.111 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 76, 63.673, 120.111 by changing the saturation by 10% instead.


 76, 63.673,
120.111


 76, 63.673,
120.111


 100, 63.673,
120.111


 66, 63.673,
120.111


 96, 63.673,
120.111

 56, 63.673,
120.111

 46, 63.673,
120.111

 36, 63.673,
120.111

 26, 63.673,
120.111

 16, 63.673,
120.111

 6, 63.673, 120.111

0, 63.673, 120.111

76, 63.673,
120.111

76, 63.673,
120.111

75, 72.047,
119.969

77, 54.220,
120.463

75, 78.863,
120.142

77, 44.066,
120.935

74, 83.678,
120.743

78, 33.482,
121.470

74, 86.504,
121.665

79, 22.654,
122.027

80, 11.703,
122.584

81, 0.714, 123.202

■ 82, 10.252,
303.620

■ 83, 21.155,
304.101

■ 84, 29.330,
305.553

Harmonies

Complementary

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



76, 63.673, 120.111



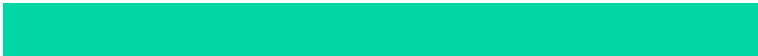
44, 72.689, 307.524

Rectangle

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



76, 63.673, 120.111



76, 63.673, 170.111



76, 63.673, 300.111



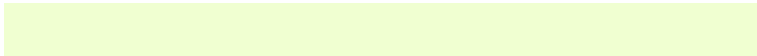
76, 63.673, 350.111

Sweetspot

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



76, 63.674, 120.113



98, 23.943, 122.162



58, 45.318, 51.883



52, 16.626, 121.997



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 63.674, 120.113



93, 89.123, 119.986



73, 73.112, 135.967



42, 6.169, 122.655



61, 73.952, 121.434



12, 21.593, 124.506

Inverse Universe

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



44, 72.689, 307.524



47, 105.541, 308.477



51, 74.078, 322.255



39, 6.280, 303.666



22, 92.294, 308.917



2, 21.879, 300.597

Previews

White Background



This preview shows how the CIELCh color 76, 63.673, 120.111 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 76, 63.673, 120.111 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 76, 63.673, 120.111

Background



This preview shows how black text looks on a background with the CIELCh color 76, 63.673, 120.111.



This preview shows how white text looks on a background with the CIELCh color 76, 63.673, 120.111.

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](#).

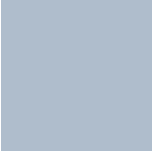
Dichromacy



Original Color
76, 63.673, 120.111

Protanopia
76, 57.901, 95.513

Deuteranopia
76, 54.202, 79.811



Tritanopia
76, 9.347, 259.243

Trichromacy



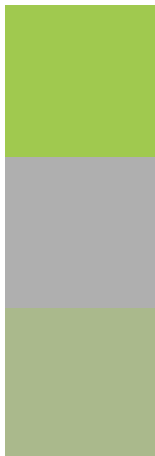
Original Color
76, 63.673, 120.111

Protanomaly
76, 58.255, 105.091

Deuteranomaly
75, 53.364, 96.141

Tritanomaly
76, 20.278, 134.214

Monochromacy



Original Color
76, 63.673, 120.111

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 24.879, 121.722

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 63.673, 120.111 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(160, 201, 79)` looks like.

```
.text, #text, p{  
    color:rgb(160, 201, 79)  
}
```

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(160, 201, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 201, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 63.673, 120.111 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(160, 201, 79) }
```

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

```
.border{ border-color:rgb(160, 201, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 201, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 201, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 201, 79);  
box-shadow:4px 4px 4px 4px rgb(160, 201,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 63.673, 120.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 201, 79) }
```

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

```
.background{ background-color: rgb(160,  
201, 79) }
```

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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