

Converting Colors

CIELCh(77, 63.279, 119.103)

Have a look what the booklet for
CIELCh(77, 63.279, 119.103)
contains.

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Color

CIELCh(77, 63.296, 119.094)

Conversions

Conversions Part 1

Format	Color
Hex	A5CB51
RGB	165, 203, 81
RGB Percent	65%, 80%, 32%
CMY	0.3514, 0.2024, 0.6809
CMYK	0.19, 0.00, 0.60, 0.20
HSL	79°, 54%, 56%
HSV	79°, 60%, 80%
XYZ	38.5418, 51.5317, 15.7716
YIQ	177.7300, 16.5140, -45.9980

Conversions

Conversions Part 2

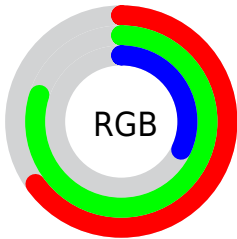
Format	Color
R_{YB}	81, 203, 119
Decimal	10865489
CIE _{Lab}	77.00, -30.78, 55.31
CIE _{LCh}	77, 63.296, 119.094
Yxy	51.5317, 0.3641, 0.4869
Android (android.graphics.Color)	4289055569 (0xFFA5CB51)
YUV	177.7300, -47.6879, -11.1642
Hunter-Lab	71.7856, -29.7879, 37.2237

Details

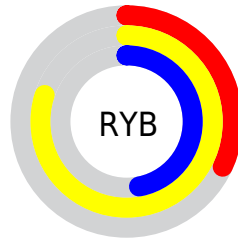
The CIELCh color **77, 63.296, 119.094** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **45, 72.536, 306.817**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 60.601, 118.054**, and **57, 63.391, 119.136** is the 20% darker color. If you saturate the color by 10%, you get **76, 71.753, 118.916**, and if you desaturate by 10%, it is **78, 53.771, 119.474**.

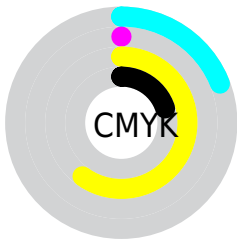
Distribution



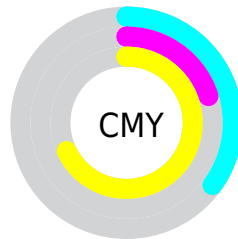
- Red (65%)
- Green (80%)
- Blue (32%)



- Red (32%)
- Yellow (80%)
- Blue (47%)



- Cyan (19%)
- Magenta (0%)
- Yellow (60%)
- Black (20%)





- Cyan (35%)
- Magenta (20%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 63.296, 119.094 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, 63.296, 119.094 by changing the saturation by 10% instead.


 77, 63.296,
119.094

 77, 63.296,
119.094


 100, 63.296,
119.094


 67, 63.296,
119.094

 97, 63.296,
119.094

 57, 63.296,
119.094

 47, 63.296,
119.094

 37, 63.296,
119.094

 27, 63.296,
119.094

 17, 63.296,
119.094

 7, 63.296, 119.094

0, 63.296, 119.094

77, 63.296,
119.094

77, 63.296,
119.094

76, 71.753,
118.916

78, 53.771,
119.474

76, 78.661,
119.041

78, 43.554,
119.969

76, 83.563,
119.581

79, 32.914,
120.525

75, 86.553,
120.522

80, 22.031,
121.102

75, 86.555,
120.523

81, 11.026,
121.679

82, 0.017, 299.157

■ 83, 11.042,
302.756

■ 84, 22.006,
303.256

■ 85, 28.064,
305.497

Harmonies

Complementary

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



77, 63.296, 119.094



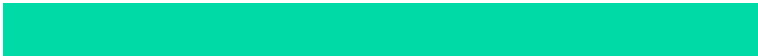
45, 72.536, 306.817

Rectangle

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



77, 63.296, 119.094



77, 63.296, 169.094



77, 63.296, 299.094



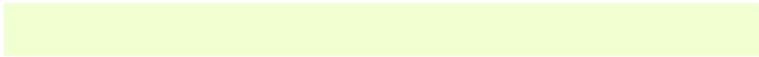
77, 63.296, 349.094

Sweetspot

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



77, 63.297, 119.096



98, 23.841, 121.204



58, 45.667, 48.883



52, 16.554, 121.033



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, 63.297, 119.096



93, 87.727, 118.916



74, 72.397, 135.246



43, 6.274, 121.713



62, 74.241, 120.308



13, 23.051, 122.449

Inverse Universe

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



45, 72.536, 306.817



48, 104.411, 307.862



52, 73.826, 321.201



40, 6.390, 302.771



22, 93.785, 308.553



2, 23.912, 300.476

Previews

White Background



This preview shows how the CIELCh color 77, 63.296, 119.094 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, 63.296, 119.094 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, 63.296, 119.094

Background



This preview shows how black text looks on a background with the CIELCh color 77, 63.296, 119.094.



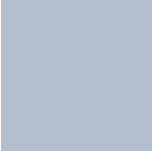
This preview shows how white text looks on a background with the CIELCh color 77, 63.296, 119.094.

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, 8.856, 265.027

Trichromacy



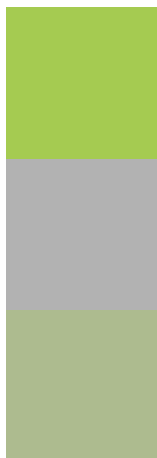
Original Color
77, 63.296, 119.094

Protanomaly
77, 58.644, 105.113

Deuteranomaly
76, 53.821, 95.800

Tritanomaly
77, 20.376, 131.713

Monochromacy



Original Color
77, 63.296, 119.094

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 24.218, 121.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 63.296, 119.094 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(165, 203, 81)` looks like.

```
.text, #text, p{  
    color:rgb(165, 203, 81)  
}
```

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(165, 203, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 203, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 63.296, 119.094 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(165, 203, 81) }
```

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

```
.border{ border-color:rgb(165, 203, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 203, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 203, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 203, 81);  
box-shadow:4px 4px 4px 4px rgb(165, 203,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 63.296, 119.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 203, 81) }
```

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

```
.background{ background-color: rgb(165,  
203, 81) }
```

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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