

Converting Colors

CIELCh(76, 63.599, 119.822)

Have a look what the booklet for
CIELCh(76, 63.599, 119.822)
contains.

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Color

CIELCh(76, 63.556, 119.769)

Conversions

Conversions Part 1

Format	Color
Hex	A1C94F
RGB	161, 201, 79
RGB Percent	63%, 79%, 31%
CMY	0.3688, 0.2119, 0.6904
CMYK	0.20, 0.00, 0.61, 0.21
HSL	80°, 53%, 55%
HSV	80°, 61%, 79%
XYZ	36.9737, 49.8872, 15.0690
YIQ	175.1320, 15.3220, -46.4220

Conversions

Conversions Part 2

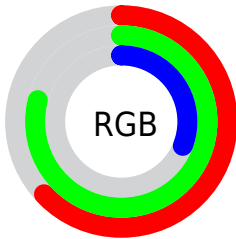
Format	Color
RYB	79, 201, 119
Decimal	10602831
CIELab	76.00, -31.56, 55.17
CIELCh	76, 63.556, 119.769
Yxy	49.8872, 0.3627, 0.4894
Android (android.graphics.Color)	4288792911 (0xFFA1C94F)
YUV	175.1320, -47.3931, -12.3938
Hunter-Lab	70.6309, -30.1634, 36.7922

Details

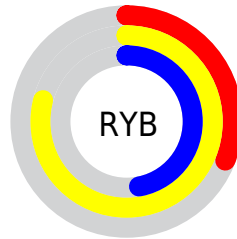
The CIELCh color **76, 63.556, 119.769** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **44, 72.702, 307.310**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 61.867, 119.204**, and **56, 63.704, 119.806** is the 20% darker color. If you saturate the color by 10%, you get **75, 71.893, 119.622**, and if you desaturate by 10%, it is **77, 54.136, 120.126**.

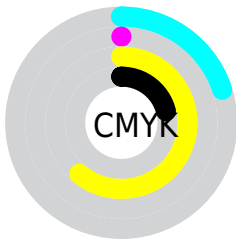
Distribution



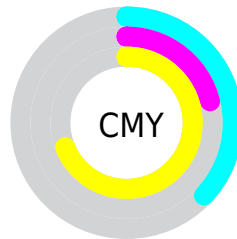
- Red (63%)
- Green (79%)
- Blue (31%)



- 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, 63.556, 119.769 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, 63.556, 119.769 by changing the saturation by 10% instead.


 76, 63.556,
119.769


 76, 63.556,
119.769


 100, 63.556,
119.769


 66, 63.556,
119.769


 96, 63.556,
119.769

 56, 63.556,
119.769

 46, 63.556,
119.769

 36, 63.556,
119.769

 26, 63.556,
119.769

 16, 63.556,
119.769

 6, 63.556, 119.769

■ 0, 63.556, 119.769

■ 76, 63.556,
119.769

■ 76, 63.556,
119.769

■ 75, 71.893,
119.622

■ 77, 54.136,
120.126

■ 75, 78.670,
119.789

■ 77, 44.014,
120.603

■ 74, 83.443,
120.381

■ 78, 33.460,
121.143

■ 74, 86.221,
121.287

■ 79, 22.658,
121.707

■ 80, 11.732,
122.270

■ 81, 0.767, 122.885

■ 82, 10.178,
303.320

■ 83, 21.063,
303.808

■ 84, 29.386,
305.174

Harmonies

Complementary

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



76, 63.556, 119.769



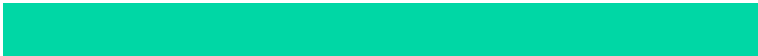
44, 72.702, 307.310

Rectangle

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



76, 63.556, 119.769



76, 63.556, 169.769



76, 63.556, 299.769



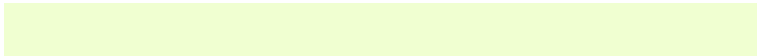
76, 63.556, 349.769

Sweetspot

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



76, 63.557, 119.771



98, 23.908, 121.846



58, 45.584, 50.366



52, 16.602, 121.679



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, 63.557, 119.771



93, 88.944, 119.636



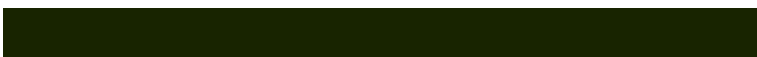
73, 72.776, 135.589



42, 6.161, 122.344



61, 73.763, 121.060



12, 21.536, 124.118

Inverse Universe

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



44, 72.702, 307.310



47, 105.610, 308.294



51, 73.967, 321.736



39, 6.272, 303.369



22, 92.432, 308.797



2, 21.863, 300.366

Previews

White Background



This preview shows how the CIELCh color 76, 63.556, 119.769 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, 63.556, 119.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

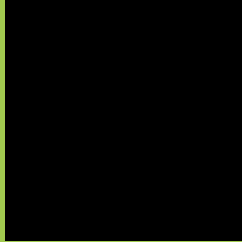
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 63.556, 119.769

Background



This preview shows how black text looks on a background with the CIELCh color 76, 63.556, 119.769.



This preview shows how white text looks on a background with the CIELCh color 76, 63.556, 119.769.

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
76, 9.029, 263.048

Trichromacy



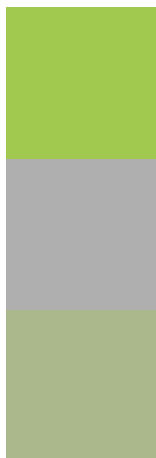
Original Color
76, 63.556, 119.769

Protanomaly
76, 58.682, 105.049

Deuteranomaly
75, 53.895, 95.706

Tritanomaly
76, 20.596, 132.646

Monochromacy



Original Color
76, 63.556, 119.769

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 24.288, 121.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 63.556, 119.769 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(161, 201, 79)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 201, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 201, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 63.556, 119.769 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(161, 201, 79) }
```

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

```
.border{ border-color:rgb(161, 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(161, 201, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 201, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 201, 79);  
box-shadow:4px 4px 4px 4px rgb(161, 201,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 63.556, 119.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 201, 79) }
```

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

```
.background{ background-color: rgb(161,  
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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