

Converting Colors

CIELCh(79, 61.690, 120.997)

Have a look what the booklet for
CIELCh(79, 61.690, 120.997)
contains.

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Color

CIELCh(79, 61.939, 121.057)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A8D25C |
| RGB | 168, 210, 92 |
| RGB Percent | 66%, 82%, 36% |
| CMY | 0.3428, 0.1781, 0.6408 |
| CMYK | 0.20, 0.00, 0.56, 0.18 |
| HSL | 81°, 56%, 59% |
| HSV | 81°, 56%, 82% |
| XYZ | 40.9147, 54.9284, 18.4799 |
| YIQ | 183.9900, 12.8460, -45.6020 |

Conversions

Conversions Part 2

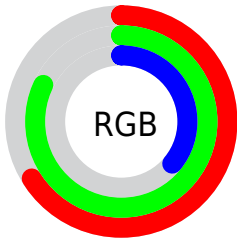
| Format | Color |
|-------------------------------------|--|
| RYB | 92, 210, 134 |
| Decimal | 11063900 |
| CIELab | 79.00, -31.95, 53.06 |
| CIElCh | 79, 61.939, 121.057 |
| Yxy | 54.9284, 0.3579, 0.4805 |
| Android (android.graphics.Color) | 4289253980 (0xFFA8D25C) |
| YUV | 183.9900, -45.3511, -14.0232 |
| Hunter-Lab | 74.1137, -31.1574, 37.0959 |

Details

The CIELCh color **79, 61.939, 121.057** 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 **49, 69.617, 307.740**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 55.363, 118.293**, and **59, 61.823, 120.949** is the 20% darker color. If you saturate the color by 10%, you get **78, 71.185, 120.828**, and if you desaturate by 10%, it is **80, 51.759, 121.459**.

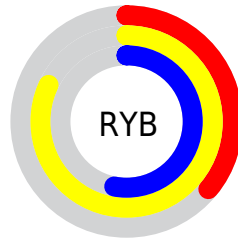
Distribution



Red (66%)

Green (82%)

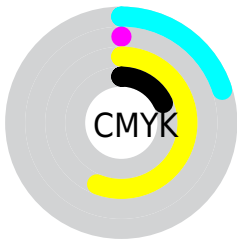
Blue (36%)



Red (36%)

Yellow (82%)

Blue (53%)

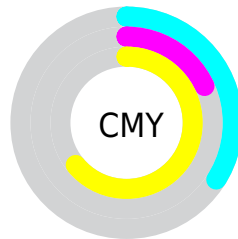


Cyan (20%)

Magenta (0%)

Yellow (56%)

Black (18%)



Cyan (34%)


Magenta (18%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 61.939, 121.057 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 79, 61.939, 121.057 by changing the saturation by 10% instead.


 79, 61.939,
121.057


 79, 61.939,
121.057


 100, 61.939,
121.057


 69, 61.939,
121.057


 99, 61.939,
121.057

 59, 61.939,
121.057

 49, 61.939,
121.057

 39, 61.939,
121.057

 29, 61.939,
121.057

 19, 61.939,
121.057

 9, 61.939, 121.057

0, 61.939, 121.057

79, 61.939,
121.057

79, 61.939,
121.057

78, 71.185,
120.828

80, 51.759,
121.459

78, 79.034,
120.869

81, 40.988,
121.952

77, 84.987,
121.303

81, 29.867,
122.488

77, 88.740,
122.213

82, 18.555,
123.035

77, 89.817,
122.607

83, 7.163, 123.575

84, 4.233, 304.060

86, 15.580,

304.553

■ 87, 24.673,
306.088

■ 87, 25.402,
311.717

Harmonies

Complementary

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



79, 61.939, 121.057



49, 69.617, 307.740

Rectangle

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



79, 61.939, 121.057



79, 61.939, 171.057



79, 61.939, 301.057



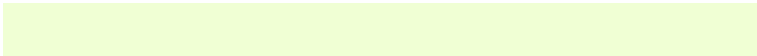
79, 61.939, 351.057

Sweetspot

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



79, 61.940, 121.059



98, 22.700, 122.986



63, 42.676, 53.643



52, 15.178, 122.875



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 61.940, 121.059



93, 84.962, 120.808



76, 71.141, 136.645



44, 6.451, 123.408



63, 76.152, 122.367



14, 24.963, 123.793

Inverse Universe

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



49, 69.617, 307.740



51, 98.648, 308.637



55, 71.939, 322.667



41, 6.564, 304.392



23, 94.087, 309.199



2, 26.128, 302.479

Previews

White Background



This preview shows how the CIELCh color 79, 61.939, 121.057 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 79, 61.939, 121.057 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 79, 61.939, 121.057

Background



This preview shows how black text looks on a background with the CIELCh color 79, 61.939, 121.057.



This preview shows how white text looks on a background with the CIELCh color 79, 61.939, 121.057.

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](#).

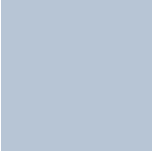
Dichromacy



Original Color
79, 61.939, 121.057

Protanopia
79, 56.081, 95.234

Deuteranopia
79, 52.300, 79.049



Tritanopia
79, 9.734, 260.919

Trichromacy



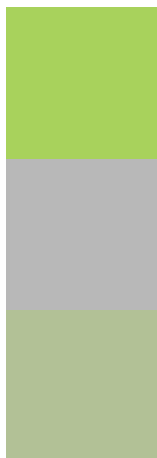
Original Color
79, 61.939, 121.057

Protanomaly
79, 56.367, 105.434

Deuteranomaly
79, 51.745, 96.324

Tritanomaly
79, 19.982, 136.779

Monochromacy



Original Color
79, 61.939, 121.057

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 23.670, 122.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 61.939, 121.057 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(168, 210, 92)` looks like.

```
.text, #text, p{  
    color:rgb(168, 210, 92)  
}
```

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(168, 210, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 210, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 61.939, 121.057 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(168, 210, 92) }
```

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

```
.border{ border-color:rgb(168, 210, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 210, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 210, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 210, 92);  
box-shadow:4px 4px 4px 4px rgb(168, 210,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 61.939, 121.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 210, 92) }
```

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

```
.background{ background-color: rgb(168,  
210, 92) }
```

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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