

Converting Colors

CIELCh(69, 51.486, 118.517)

Have a look what the booklet for
CIELCh(69, 51.486, 118.517)
contains.

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Color

CIELCh(69, 51.515, 118.505)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 97B353 |
| RGB | 151, 179, 83 |
| RGB Percent | 59%, 70%, 33% |
| CMY | 0.4086, 0.2988, 0.6752 |
| CMYK | 0.16, 0.00, 0.54, 0.30 |
| HSL | 78°, 39%, 51% |
| HSV | 78°, 54%, 70% |
| XYZ | 30.3615, 39.3444, 14.1404 |
| YIQ | 159.6840, 14.1280, -35.7920 |

Conversions

Conversions Part 2

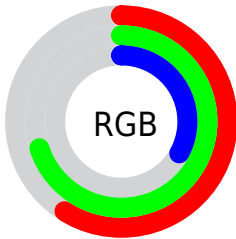
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 83, 179, 111 |
| Decimal | 9941843 |
| CIELab | 69.00, -24.58, 45.27 |
| CIELCh | 69, 51.515, 118.505 |
| Yxy | 39.3444, 0.3621, 0.4692 |
| Android (android.graphics.Color) | 4288131923 (0xFF97B353) |
| YUV | 159.6840, -37.8052, -7.6159 |
| Hunter-Lab | 62.7251, -23.3676, 30.5416 |

Details

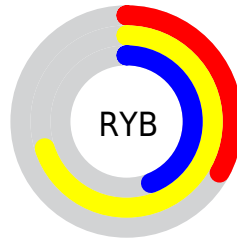
The CIELCh color **69, 51.515, 118.505** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **42, 58.120, 305.654**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 51.650, 118.513**, and **49, 51.253, 118.320** is the 20% darker color. If you saturate the color by 10%, you get **68, 59.783, 118.167**, and if you desaturate by 10%, it is **70, 42.532, 118.983**.

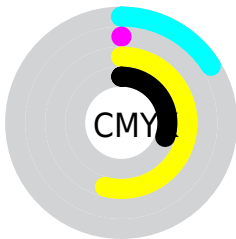
Distribution



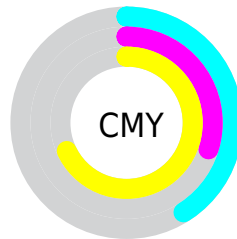
- Red (59%)
- Green (70%)
- Blue (33%)



- Red (33%)
- Yellow (70%)
- Blue (44%)



- Cyan (16%)
- Magenta (0%)
- Yellow (54%)
- Black (30%)





- Cyan (41%)
- Magenta (30%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 51.515, 118.505 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 69, 51.515, 118.505 by changing the saturation by 10% instead.

 69, 51.515,
118.505

 69, 51.515,
118.505


 100, 51.515,
118.505


 59, 51.515,
118.505


 89, 51.515,
118.505

 49, 51.515,
118.505


 99, 51.515,
118.505

 39, 51.515,
118.505

 29, 51.515,
118.505

 19, 51.515,
118.505

 9, 51.515, 118.505

 0, 51.515, 118.505

69, 51.515,
118.505

69, 51.515,
118.505

68, 59.783,
118.167

70, 42.532,
118.983

68, 66.963,
118.050

70, 33.098,
119.534

68, 72.622,
118.261

71, 23.397,
120.119

67, 76.398,
118.897

72, 13.551,
120.709

67, 78.099,
119.443

73, 3.644, 121.295

73, 6.268, 301.831

74, 16.142,
302.359

75, 25.950,
302.852

■ 76, 35.669,
303.310

Harmonies

Complementary

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



69, 51.515, 118.505



42, 58.120, 305.654

Rectangle

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



69, 51.515, 118.505



69, 51.515, 168.505



69, 51.515, 298.505



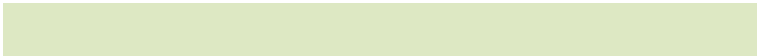
69, 51.515, 348.505

Sweetspot

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



69, 51.516, 118.507



90, 19.577, 120.557



53, 36.139, 47.427



48, 13.319, 120.437



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 51.516, 118.507



87, 73.974, 118.135



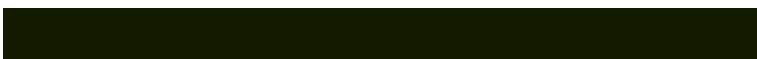
66, 58.822, 135.268



37, 5.602, 120.965



58, 69.545, 119.270



8, 13.840, 125.273

Inverse Universe

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



42, 58.120, 305.654



48, 86.308, 306.718



48, 60.157, 320.504



35, 5.707, 302.041



19, 88.657, 308.352



1, 13.503, 298.964

Previews

White Background



This preview shows how the CIELCh color 69, 51.515, 118.505 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 69, 51.515, 118.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

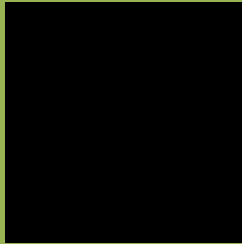
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 51.515, 118.505

Background



This preview shows how black text looks on a background with the CIELCh color 69, 51.515, 118.505.



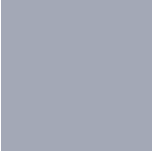
This preview shows how white text looks on a background with the CIELCh color 69, 51.515, 118.505.

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



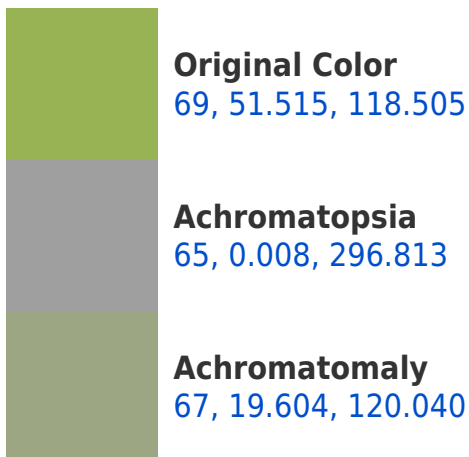


Tritanopia
69, 7.869, 277.662

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 51.515, 118.505 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(151, 179, 83)` looks like.

```
.text, #text, p{  
    color:rgb(151, 179, 83)  
}
```

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(151, 179, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 179, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 51.515, 118.505 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(151, 179, 83) }
```

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

```
.border{ border-color:rgb(151, 179, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 179, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 179, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 179, 83);  
box-shadow:4px 4px 4px 4px rgb(151, 179,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 51.515, 118.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 179, 83) }
```

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

```
.background{ background-color: rgb(151,  
179, 83) }
```

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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