

Converting Colors

CIELCh(70, 51.824, 122.862)

Have a look what the booklet for
CIELCh(70, 51.824, 122.862)
contains.

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Color

CIELCh(70, 51.545, 122.751)

Conversions

Conversions Part 1

Format	Color
Hex	92B759
RGB	146, 183, 89
RGB Percent	57%, 72%, 35%
CMY	0.4271, 0.2820, 0.6506
CMYK	0.20, 0.00, 0.51, 0.28
HSL	84°, 40%, 53%
HSV	84°, 51%, 72%
XYZ	30.6314, 40.7494, 15.7220
YIQ	161.2210, 8.1220, -37.0780

Conversions

Conversions Part 2

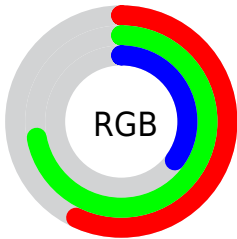
Format	Color
RYB	89, 183, 126
Decimal	9615193
CIELab	70.00, -27.89, 43.35
CIELCh	70, 51.545, 122.751
Yxy	40.7494, 0.3517, 0.4678
Android (android.graphics.Color)	4287805273 (0xFF92B759)
YUV	161.2210, -35.6050, -13.3488
Hunter-Lab	63.8353, -26.0582, 30.0822

Details

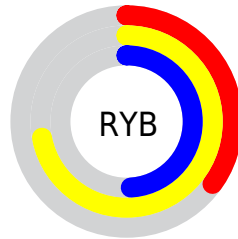
The CIELCh color **70, 51.545, 122.751** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **46, 56.755, 308.433**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 51.533, 122.545**, and **50, 51.785, 122.671** is the 20% darker color. If you saturate the color by 10%, you get **69, 60.436, 122.438**, and if you desaturate by 10%, it is **71, 42.010, 123.189**.

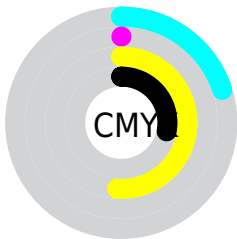
Distribution



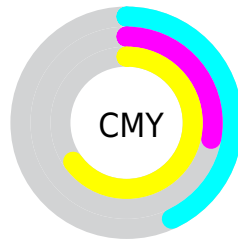
- Red (57%)
- Green (72%)
- Blue (35%)



- Red (35%)
- Yellow (72%)
- Blue (49%)



- Cyan (20%)
- Magenta (0%)
- Yellow (51%)
- Black (28%)





- Cyan (43%)
- Magenta (28%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 51.545, 122.751 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 70, 51.545, 122.751 by changing the saturation by 10% instead.


 70, 51.545,
122.751


 70, 51.545,
122.751


 100, 51.545,
122.751


 60, 51.545,
122.751


 90, 51.545,
122.751

 50, 51.545,
122.751

 40, 51.545,
122.751

 30, 51.545,
122.751

 20, 51.545,
122.751

 10, 51.545,
122.751

 0, 51.545, 122.751

70, 51.545,
122.751

70, 51.545,
122.751

69, 60.436,
122.438

71, 42.010,
123.189

69, 68.328,
122.333

72, 32.077,
123.686

68, 74.788,
122.552

72, 21.921,
124.203

68, 79.411,
123.209

73, 11.659,
124.719

67, 82.123,
124.074

74, 1.371, 125.261

75, 8.886, 305.662

77, 19.071,
306.099

78, 29.155,
306.499

■ 79, 39.117,
306.865

Harmonies

Complementary

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



70, 51.545, 122.751



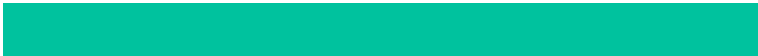
46, 56.755, 308.433

Rectangle

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



70, 51.545, 122.751



70, 51.545, 172.751



70, 51.545, 302.751



70, 51.545, 352.751

Sweetspot

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



70, 51.546, 122.753



92, 19.026, 124.519



58, 34.051, 57.286



49, 13.084, 124.410



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 51.546, 122.753



87, 75.071, 122.403



68, 59.271, 137.830



38, 5.835, 124.821



58, 72.687, 123.870



9, 16.434, 129.596

Inverse Universe

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



46, 56.755, 308.433



52, 84.908, 309.212



51, 59.705, 323.525



36, 5.931, 305.733



22, 88.068, 309.894



1, 15.728, 301.559

Previews

White Background



This preview shows how the CIELCh color 70, 51.545, 122.751 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 70, 51.545, 122.751 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 70, 51.545, 122.751

Background



This preview shows how black text looks on a background with the CIELCh color 70, 51.545, 122.751.

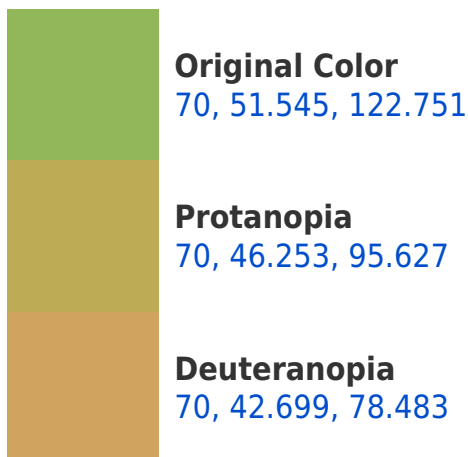


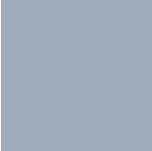
This preview shows how white text looks on a background with the CIELCh color 70, 51.545, 122.751.

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
70, 8.863, 259.411

Trichromacy



Original Color
70, 51.545, 122.751

Protanomaly
70, 46.807, 106.488

Deuteranomaly
69, 42.148, 96.933

Tritanomaly
70, 16.120, 140.429

Monochromacy



Original Color
70, 51.545, 122.751

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 19.319, 123.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 51.545, 122.751 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(146, 183, 89)` looks like.

```
.text, #text, p{  
    color:rgb(146, 183, 89)  
}
```

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(146, 183, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 183, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 51.545, 122.751 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(146, 183, 89) }
```

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

```
.border{ border-color:rgb(146, 183, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 183, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 183, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 183, 89);  
box-shadow:4px 4px 4px 4px rgb(146, 183,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 51.545, 122.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 183, 89) }
```

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

```
.background{ background-color: rgb(146,  
183, 89) }
```

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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