

Converting Colors

CIELCh(69, 53.506, 150.434)

Have a look what the booklet for
CIELCh(69, 53.506, 150.434)
contains.

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Color

CIELCh(69, 53.482, 150.475)

Conversions

Conversions Part 1

Format	Color
Hex	52BD77
RGB	82, 189, 119
RGB Percent	32%, 74%, 47%
CMY	0.6799, 0.2602, 0.5346
CMYK	0.57, 0.00, 0.37, 0.26
HSL	141°, 45%, 53%
HSV	141°, 57%, 74%
XYZ	24.8792, 39.3444, 23.6339
YIQ	149.0270, -41.3020, -44.4540

Conversions

Conversions Part 2

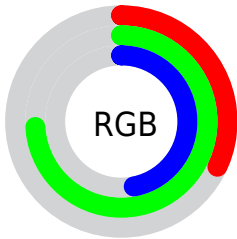
Format	Color
RYB	82, 162, 189
Decimal	5422455
CIELab	69.00, -46.54, 26.36
CIELCh	69, 53.482, 150.475
Yxy	39.3444, 0.2832, 0.4478
Android (android.graphics.Color)	4283612535 (0xFF52BD77)
YUV	149.0270, -14.8033, -58.7827
Hunter-Lab	62.7251, -38.9689, 21.5679

Details

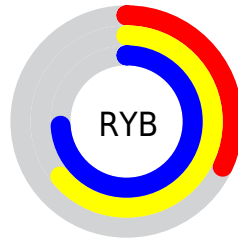
The CIELCh color **69, 53.482, 150.475** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **51, 54.050, 341.120**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 53.451, 150.652**, and **49, 53.539, 150.560** is the 20% darker color. If you saturate the color by 10%, you get **68, 61.497, 148.928**, and if you desaturate by 10%, it is **70, 44.782, 151.833**.

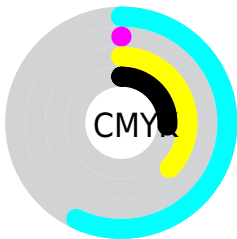
Distribution



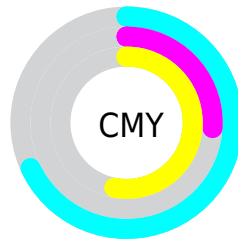
- Red (32%)
- Green (74%)
- Blue (47%)



- Red (32%)
- Yellow (64%)
- Blue (74%)



- Cyan (57%)
- Magenta (0%)
- Yellow (37%)
- Black (26%)




- Cyan (68%)
- Magenta (26%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 53.482, 150.475 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, 53.482, 150.475 by changing the saturation by 10% instead.

 69, 53.482,
150.475

 69, 53.482,
150.475


 100, 53.482,
150.475


 59, 53.482,
150.475

 89, 53.482,
150.475

 49, 53.482,
150.475

 99, 53.482,
150.475

 39, 53.482,
150.475

 29, 53.482,
150.475

 19, 53.482,
150.475

 9, 53.482, 150.475

 0, 53.482, 150.475

69, 53.482,
150.475

69, 53.482,
150.475

68, 61.497,
148.928

70, 44.782,
151.833

68, 68.674,
147.189

71, 35.569,
153.019

67, 74.909,
145.274

72, 26.019,
154.055

67, 80.175,
143.243

74, 16.294,
154.964

67, 81.754,
142.617

75, 6.529, 155.787

77, 3.163, 336.328

79, 12.702,
337.030

81, 22.027,
337.600

■ 83, 31.102,
338.108

Harmonies

Complementary

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



69, 53.482, 150.475



51, 54.050, 341.120

Rectangle

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



69, 53.482, 150.475



69, 53.482, 200.475



69, 53.482, 330.475



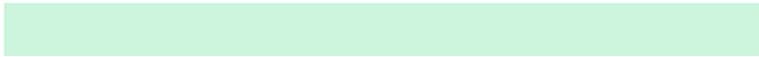
69, 53.482, 20.475

Sweetspot

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



69, 53.483, 150.475



93, 20.461, 154.917



72, 57.007, 120.126



49, 13.683, 154.743



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 53.483, 150.475



86, 76.949, 148.534



70, 35.083, 180.404



39, 5.508, 155.574



57, 71.248, 142.919



9, 18.244, 151.919

Inverse Universe

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



51, 54.050, 341.120



60, 76.341, 342.672



49, 46.144, 14.284



37, 5.542, 336.842



35, 62.959, 348.107



3, 15.480, 342.490

Previews

White Background



This preview shows how the CIELCh color 69, 53.482, 150.475 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, 53.482, 150.475 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, 53.482, 150.475

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.482, 150.475.

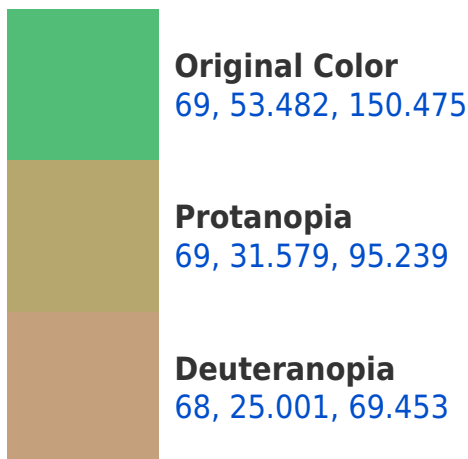


This preview shows how white text looks on a background with the CIELCh color 69, 53.482, 150.475.

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, 24.754, 215.922

Trichromacy



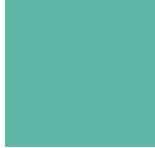
Original Color
69, 53.482, 150.475



Protanomaly
68, 35.478, 126.266



Deuteranomaly
67, 26.292, 120.986



Tritanomaly
69, 30.427, 180.072

Monochromacy



Original Color
69, 53.482, 150.475



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 20.222, 154.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.482, 150.475 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(82, 189, 119)` looks like.

```
.text, #text, p{  
    color:rgb(82, 189, 119)  
}
```

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(82, 189, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 189, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.482, 150.475 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(82, 189, 119) }
```

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

```
.border{ border-color:rgb(82, 189, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 189, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 189, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 189, 119);  
box-shadow:4px 4px 4px 4px rgb(82, 189,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.482, 150.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 189, 119) }
```

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

```
.background{ background-color: rgb(82, 189,  
119) }
```

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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