

Converting Colors

CIELCh(69, 49.857, 151.523)

Have a look what the booklet for
CIELCh(69, 49.857, 151.523)
contains.

| | |
|--|----|
| CIELCh(69, 49.771, 151.540) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(69, 49.771, 151.540)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 58BC7C |
| RGB | 88, 188, 124 |
| RGB Percent | 35%, 74%, 49% |
| CMY | 0.6561, 0.2639, 0.5148 |
| CMYK | 0.53, 0.00, 0.34, 0.26 |
| HSL | 142°, 43%, 54% |
| HSV | 142°, 53%, 74% |
| XYZ | 25.5338, 39.3444, 25.2244 |
| YIQ | 150.8040, -39.0560, -41.1040 |

Conversions

Conversions Part 2

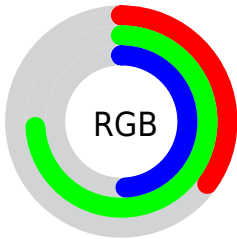
| Format | Color |
|-------------------------------------|--|
| RYB | 88, 162, 188 |
| Decimal | 5815420 |
| CIELab | 69.00, -43.76, 23.72 |
| CIELCh | 69, 49.771, 151.540 |
| Yxy | 39.3444, 0.2834, 0.4367 |
| Android (android.graphics.Color) | 4284005500 (0xFF58BC7C) |
| YUV | 150.8040, -13.2144, -55.0791 |
| Hunter-Lab | 62.7251, -37.1062, 20.0645 |

Details

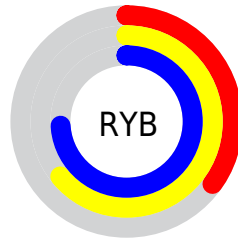
The CIELCh color **69, 49.771, 151.540** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **52, 50.574, 341.458**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 49.895, 151.644**, and **49, 50.092, 151.294** is the 20% darker color. If you saturate the color by 10%, you get **68, 57.905, 150.052**, and if you desaturate by 10%, it is **70, 41.020, 152.843**.

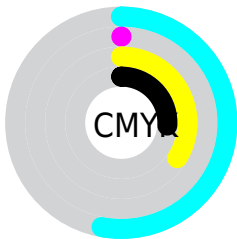
Distribution



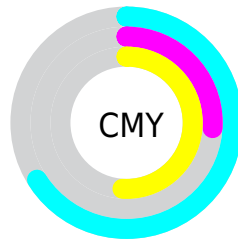
- Red (35%)
- Green (74%)
- Blue (49%)



- Red (35%)
- Yellow (64%)
- Blue (74%)



- Cyan (53%)
- Magenta (0%)
- Yellow (34%)
- Black (26%)





- Cyan (66%)
- Magenta (26%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 49.771, 151.540 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, 49.771, 151.540 by changing the saturation by 10% instead.


 69, 49.771,
151.540


 69, 49.771,
151.540


 100, 49.771,
151.540


 59, 49.771,
151.540


 89, 49.771,
151.540

 49, 49.771,
151.540

 99, 49.771,
151.540

 39, 49.771,
151.540

 29, 49.771,
151.540

 19, 49.771,
151.540

 9, 49.771, 151.540

 0, 49.771, 151.540

69, 49.771,
151.540

69, 49.771,
151.540

68, 57.905,
150.052

70, 41.020,
152.843

68, 65.264,
148.370

71, 31.821,
153.981

67, 71.732,
146.498

72, 22.343,
154.977

67, 77.254,
144.472

74, 12.737,
155.858

67, 80.522,
143.123

76, 3.129, 156.707

77, 6.382, 337.225

79, 15.722,
337.865

81, 24.841,
338.421

■ 83, 33.297,
338.171

Harmonies

Complementary

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



69, 49.771, 151.540



52, 50.574, 341.458

Rectangle

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



69, 49.771, 151.540



69, 49.771, 201.540



69, 49.771, 331.540



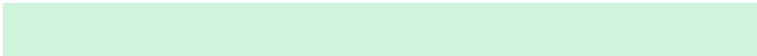
69, 49.771, 21.540

Sweetspot

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



69, 49.772, 151.540



93, 19.051, 155.605



72, 53.863, 120.934



49, 12.860, 155.427



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, 49.772, 151.540



87, 72.349, 149.769



70, 32.927, 182.280



39, 5.450, 156.181



57, 70.448, 143.422



9, 18.106, 152.302

Inverse Universe

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



52, 50.574, 341.458



62, 72.572, 342.911



50, 43.124, 14.689



37, 5.487, 337.465



34, 62.476, 349.222



3, 15.310, 343.320

Previews

White Background



This preview shows how the CIELCh color 69, 49.771, 151.540 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, 49.771, 151.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

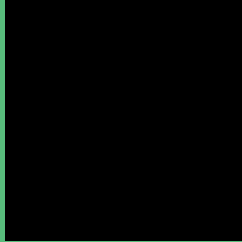
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 49.771, 151.540

Background



This preview shows how black text looks on a background with the CIELCh color 69, 49.771, 151.540.

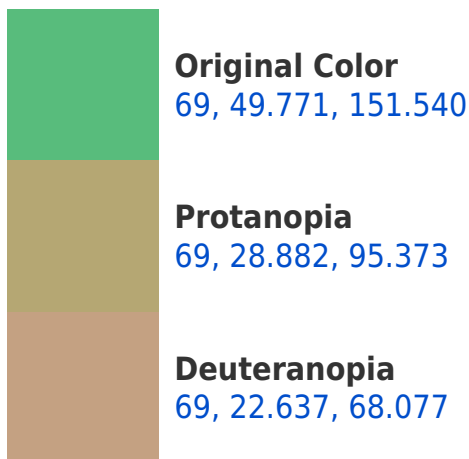


This preview shows how white text looks on a background with the CIELCh color 69, 49.771, 151.540.

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, 23.815, 216.747

Trichromacy



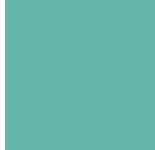
Original Color
69, 49.771, 151.540



Protanomaly
68, 32.859, 127.255



Deuteranomaly
68, 24.082, 121.380



Tritanomaly
69, 28.735, 181.461

Monochromacy



Original Color
69, 49.771, 151.540



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 18.863, 155.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 49.771, 151.540 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(88, 188, 124)` looks like.

```
.text, #text, p{  
    color:rgb(88, 188, 124)  
}
```

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(88, 188, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 188, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 49.771, 151.540 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(88, 188, 124) }
```

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

```
.border{ border-color:rgb(88, 188, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 188, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 188, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 188, 124);  
box-shadow:4px 4px 4px 4px rgb(88, 188,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 49.771, 151.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 188, 124) }
```

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

```
.background{ background-color: rgb(88, 188,  
124) }
```

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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