

Converting Colors

CIELCh(72, 50.564, 151.990)

Have a look what the booklet for
CIELCh(72, 50.564, 151.990)
contains.

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Color

CIELCh(72, 50.540, 151.978)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5DC483 |
| RGB | 93, 196, 131 |
| RGB Percent | 36%, 77%, 51% |
| CMY | 0.6337, 0.2298, 0.4848 |
| CMYK | 0.52, 0.00, 0.33, 0.23 |
| HSL | 142°, 47%, 57% |
| HSV | 142°, 52%, 77% |
| XYZ | 28.5087, 43.6590, 28.5296 |
| YIQ | 157.7930, -40.5230, -42.0510 |

Conversions

Conversions Part 2

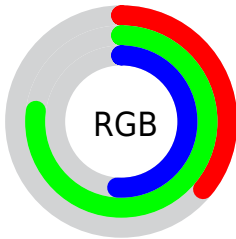
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 93, 168, 196 |
| Decimal | 6145155 |
| CIELab | 72.00, -44.62, 23.74 |
| CIELCh | 72, 50.540, 151.978 |
| Yxy | 43.6590, 0.2831, 0.4336 |
| Android (android.graphics.Color) | 4284335235 (0xFF5DC483) |
| YUV | 157.7930, -13.2089, -56.8235 |
| Hunter-Lab | 66.0750, -38.6157, 20.6525 |

Details

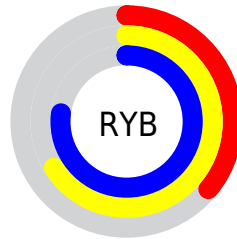
The CIELCh color **72, 50.540, 151.978** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **54, 51.462, 341.813**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 50.464, 151.831**, and **52, 50.374, 152.100** is the 20% darker color. If you saturate the color by 10%, you get **71, 58.963, 150.494**, and if you desaturate by 10%, it is **73, 41.490, 153.277**.

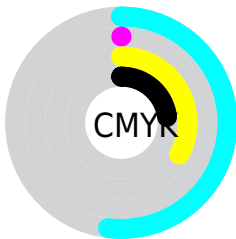
Distribution



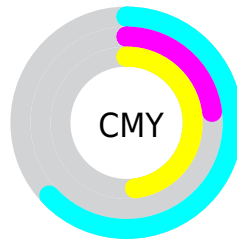
- Red (36%)
- Green (77%)
- Blue (51%)



- Red (36%)
- Yellow (66%)
- Blue (77%)



- Cyan (52%)
- Magenta (0%)
- Yellow (33%)
- Black (23%)





- Cyan (63%)
- Magenta (23%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 50.540, 151.978 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 72, 50.540, 151.978 by changing the saturation by 10% instead.


 72, 50.540,
151.978


 72, 50.540,
151.978


 100, 50.540,
151.978


 62, 50.540,
151.978


 92, 50.540,
151.978

 52, 50.540,
151.978

 42, 50.540,
151.978

 32, 50.540,
151.978

 22, 50.540,
151.978

 12, 50.540,
151.978

 2, 50.540, 151.978

0, 50.540, 151.978

72, 50.540,
151.978

72, 50.540,
151.978

71, 58.963,
150.494

73, 41.490,
153.277

71, 66.595,
148.814

74, 31.986,
154.411

70, 73.316,
146.939

76, 22.204,
155.405

70, 79.068,
144.902

77, 12.298,
156.286

70, 82.861,
143.353

79, 2.395, 157.172

81, 7.402, 337.657

83, 17.020,

338.295

■ 85, 26.407,
338.854

■ 86, 31.926,
332.179

Harmonies

Complementary

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



72, 50.540, 151.978



54, 51.462, 341.813

Rectangle

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



72, 50.540, 151.978



72, 50.540, 201.978



72, 50.540, 331.978



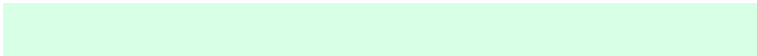
72, 50.540, 21.978

Sweetspot

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



72, 50.541, 151.978



97, 19.569, 155.962



75, 55.272, 121.633



51, 13.215, 155.778



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 50.541, 151.978



90, 73.266, 150.248



73, 33.342, 183.868



41, 5.658, 156.540



59, 71.719, 143.667



11, 22.015, 151.216

Inverse Universe

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



54, 51.462, 341.813



64, 73.743, 343.258



53, 44.088, 15.793



39, 5.697, 337.843



36, 63.644, 349.966



4, 19.461, 344.829

Previews

White Background



This preview shows how the CIELCh color 72, 50.540, 151.978 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 CIE LCh color 72, 50.540, 151.978 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 72, 50.540, 151.978

Background



This preview shows how black text looks on a background with the CIELCh color 72, 50.540, 151.978.

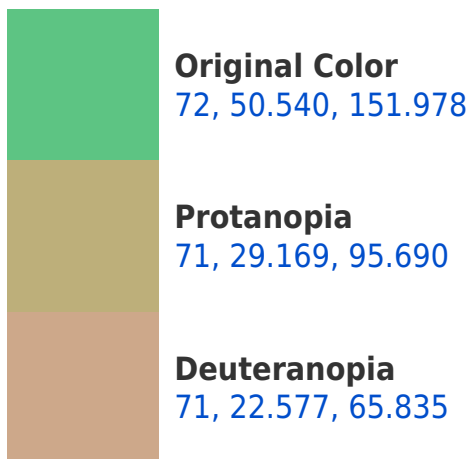


This preview shows how white text looks on a background with the CIELCh color 72, 50.540, 151.978.

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
72, 24.635, 217.280

Trichromacy



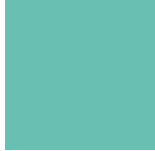
Original Color
72, 50.540, 151.978



Protanomaly
71, 33.245, 127.606



Deuteranomaly
71, 23.393, 121.766



Tritanomaly
72, 29.440, 182.011

Monochromacy



Original Color
72, 50.540, 151.978



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 19.361, 154.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 50.540, 151.978 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(93, 196, 131)` looks like.

```
.text, #text, p{  
    color:rgb(93, 196, 131)  
}
```

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(93, 196, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 196, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 50.540, 151.978 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(93, 196, 131) }
```

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

```
.border{ border-color:rgb(93, 196, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 196, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 196, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 196, 131);  
box-shadow:4px 4px 4px 4px rgb(93, 196,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 50.540, 151.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 196, 131) }
```

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

```
.background{ background-color: rgb(93, 196,  
131) }
```

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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