

Converting Colors

CIELCh(72, 56.239, 151.319)

Have a look what the booklet for
CIELCh(72, 56.239, 151.319)
contains.

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Color

CIELCh(72, 56.239, 151.319)

Conversions

Conversions Part 1

Format	Color
Hex	51C67D
RGB	81, 198, 125
RGB Percent	32%, 78%, 49%
CMY	0.6820, 0.2232, 0.5095
CMYK	0.59, 0.00, 0.37, 0.22
HSL	143°, 51%, 55%
HSV	143°, 59%, 78%
XYZ	27.3186, 43.6590, 26.4129
YIQ	154.6950, -46.2990, -47.5070

Conversions

Conversions Part 2

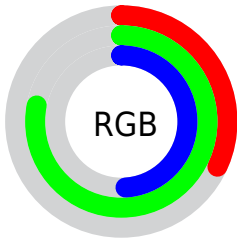
Format	Color
RYB	81, 166, 198
Decimal	5359229
CIELab	72.00, -49.34, 26.99
CIELCh	72, 56.239, 151.319
Yxy	43.6590, 0.2805, 0.4483
Android (android.graphics.Color)	4283549309 (0xFF51C67D)
YUV	154.6950, -14.6396, -64.6305
Hunter-Lab	66.0750, -41.8307, 22.5518

Details

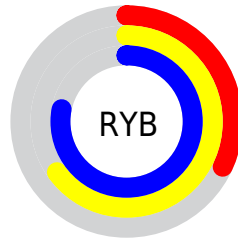
The CIELCh color **72, 56.239, 151.319** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **52, 57.064, 343.020**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 55.959, 151.302**, and **52, 55.840, 150.923** is the 20% darker color. If you saturate the color by 10%, you get **71, 64.151, 149.700**, and if you desaturate by 10%, it is **73, 47.587, 152.743**.

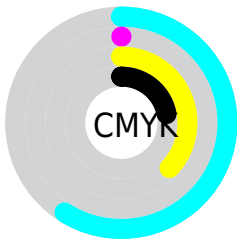
Distribution



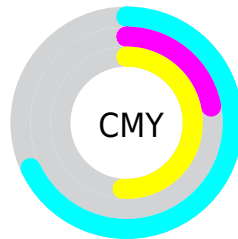
- Red (32%)
- Green (78%)
- Blue (49%)



- Red (32%)
- Yellow (65%)
- Blue (78%)



- Cyan (59%)
- Magenta (0%)
- Yellow (37%)
- Black (22%)





- Cyan (68%)
- Magenta (22%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 56.239, 151.319 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, 56.239, 151.319 by changing the saturation by 10% instead.


 72, 56.239,
151.319


 72, 56.239,
151.319


 100, 56.239,
151.319


 62, 56.239,
151.319


 92, 56.239,
151.319

 52, 56.239,
151.319

 42, 56.239,
151.319

 32, 56.239,
151.319

 22, 56.239,
151.319

 12, 56.239,
151.319

 2, 56.239, 151.319

0, 56.239, 151.319

72, 56.239,
151.319

72, 56.239,
151.319

71, 64.151,
149.700

73, 47.587,
152.743

71, 71.187,
147.881

74, 38.362,
153.989

70, 77.268,
145.883

75, 28.740,
155.078

70, 82.444,
143.797

77, 18.892,
156.035

70, 82.903,
143.614

78, 8.962, 156.893

80, 0.929, 337.207

82, 10.689,

338.222

■ 84, 20.252,
338.833

■ 86, 28.462,
337.085

Harmonies

Complementary

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



72, 56.239, 151.319



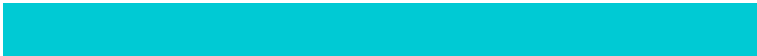
52, 57.064, 343.020

Rectangle

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



72, 56.239, 151.319



72, 56.239, 201.319



72, 56.239, 331.319



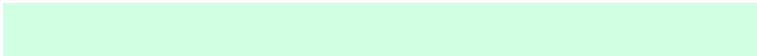
72, 56.239, 21.319

Sweetspot

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



72, 56.240, 151.319



96, 21.897, 156.107



75, 61.900, 121.410



51, 15.215, 155.838



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, 56.240, 151.319



89, 80.259, 149.175



73, 36.617, 183.191



41, 5.627, 156.867



59, 71.279, 143.943



11, 21.913, 151.432

Inverse Universe

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



52, 57.064, 343.020



61, 79.648, 344.902



50, 50.318, 17.505



39, 5.668, 338.179



36, 63.405, 350.570



4, 19.354, 345.290

Previews

White Background



This preview shows how the CIELCh color 72, 56.239, 151.319 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 72, 56.239, 151.319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

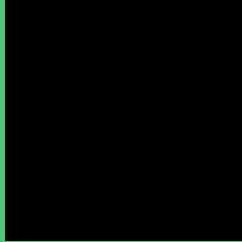
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 56.239, 151.319

Background



This preview shows how black text looks on a background with the CIELCh color 72, 56.239, 151.319.

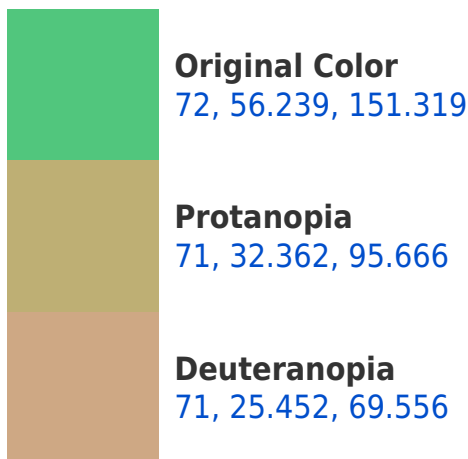


This preview shows how white text looks on a background with the CIELCh color 72, 56.239, 151.319.

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, 26.687, 215.577

Trichromacy



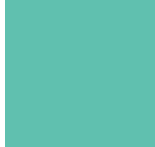
Original Color
72, 56.239, 151.319



Protanomaly
71, 36.775, 128.003



Deuteranomaly
70, 27.916, 122.568



Tritanomaly
72, 32.524, 180.245

Monochromacy



Original Color
72, 56.239, 151.319



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 22.159, 155.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 56.239, 151.319 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(81, 198, 125)` looks like.

```
.text, #text, p{  
    color:rgb(81, 198, 125)  
}
```

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(81, 198, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 198, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 56.239, 151.319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

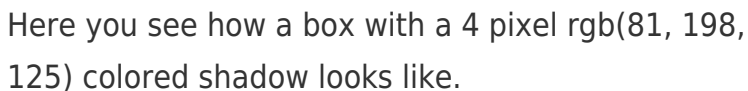
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 198, 125) }
```

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

```
.border{ border-color:rgb(81, 198, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(81, 198, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 198, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 198, 125);  
box-shadow:4px 4px 4px 4px rgb(81, 198,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 56.239, 151.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 198, 125) }
```

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

```
.background{ background-color: rgb(81, 198,  
125) }
```

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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