

Converting Colors

CIELCh(72, 63.638, 151.588)

Have a look what the booklet for
CIELCh(72, 63.638, 151.588)
contains.

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Color

CIELCh(72, 63.202, 151.756)

Conversions

Conversions Part 1

Format	Color
Hex	39C877
RGB	57, 200, 119
RGB Percent	22%, 78%, 47%
CMY	0.7750, 0.2146, 0.5323
CMYK	0.71, 0.00, 0.40, 0.21
HSL	146°, 57%, 51%
HSV	146°, 71%, 79%
XYZ	25.7743, 43.6590, 24.6022
YIQ	148.0090, -59.2270, -55.5070

Conversions

Conversions Part 2

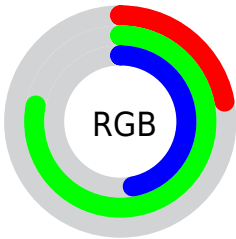
Format	Color
RYB	57, 157, 200
Decimal	3786871
CIELab	72.00, -55.68, 29.91
CIELCh	72, 63.202, 151.756
Yxy	43.6590, 0.2741, 0.4643
Android (android.graphics.Color)	4281976951 (0xFF39C877)
YUV	148.0090, -14.3014, -79.8149
Hunter-Lab	66.0750, -46.0025, 24.1765

Details

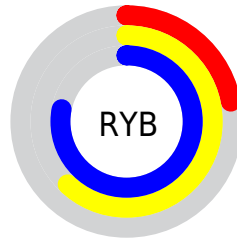
The CIELCh color **72, 63.202, 151.756** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **48, 64.038, 348.389**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 61.705, 152.212**, and **53, 59.328, 148.443** is the 20% darker color. If you saturate the color by 10%, you get **72, 69.694, 149.853**, and if you desaturate by 10%, it is **73, 55.852, 153.452**.

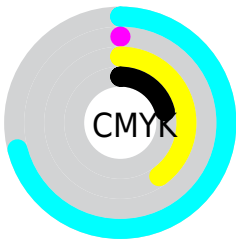
Distribution



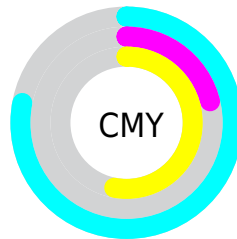
- Red (22%)
- Green (78%)
- Blue (47%)



- Red (22%)
- Yellow (62%)
- Blue (78%)



- Cyan (71%)
- Magenta (0%)
- Yellow (40%)
- Black (21%)




- Cyan (78%)
- Magenta (21%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 63.202, 151.756 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, 63.202, 151.756 by changing the saturation by 10% instead.


 72, 63.202,
151.756


 72, 63.202,
151.756


 100, 63.202,
151.756


 62, 63.202,
151.756


 92, 63.202,
151.756

 52, 63.202,
151.756

 42, 63.202,
151.756

 32, 63.202,
151.756

 22, 63.202,
151.756

 12, 63.202,
151.756

 2, 63.202, 151.756

0, 63.202, 151.756

72, 63.202,
151.756

72, 63.202,
151.756

72, 69.694,
149.853

73, 55.852,
153.452

71, 75.288,
147.759

74, 47.745,
154.946

71, 79.515,
145.888

75, 39.031,
156.258

76, 29.873,
157.411

77, 20.434,
158.429

79, 10.862,
159.342

■ 80, 1.280, 160.405

■ 82, 8.214, 340.779

■ 84, 17.549,
341.456

Harmonies

Complementary

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



72, 63.202, 151.756



48, 64.038, 348.389

Rectangle

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



72, 63.202, 151.756



72, 63.202, 201.756



72, 63.202, 331.756



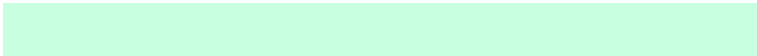
72, 63.202, 21.756

Sweetspot

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



72, 63.203, 151.756



96, 24.454, 158.433



74, 73.852, 123.240



51, 16.539, 158.160



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, 63.203, 151.756



89, 87.670, 148.643



74, 40.002, 187.075



41, 5.394, 159.514



59, 67.773, 146.249



11, 21.092, 153.278

Inverse Universe

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



48, 64.038, 348.389



57, 84.405, 352.045



47, 62.597, 25.167



39, 5.445, 340.897



35, 61.850, 355.439



4, 18.594, 348.848

Previews

White Background



This preview shows how the CIELCh color 72, 63.202, 151.756 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, 63.202, 151.756 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, 63.202, 151.756

Background



This preview shows how black text looks on a background with the CIELCh color 72, 63.202, 151.756.

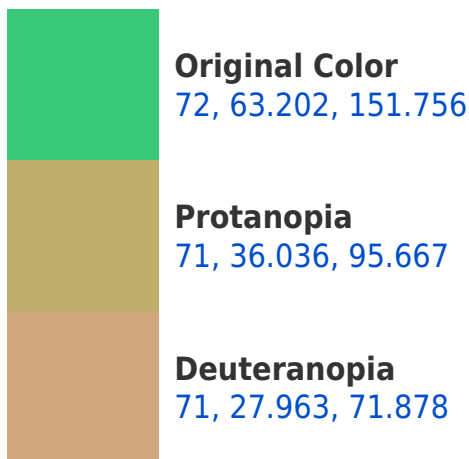


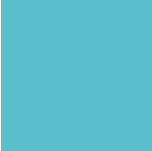
This preview shows how white text looks on a background with the CIELCh color 72, 63.202, 151.756.

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, 29.801, 213.428

Trichromacy



Original Color
72, 63.202, 151.756



Protanomaly
70, 41.527, 130.427



Deuteranomaly
70, 32.061, 126.994



Tritanomaly
72, 37.440, 179.519

Monochromacy



Original Color
72, 63.202, 151.756



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 25.413, 157.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 63.202, 151.756 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(57, 200, 119)` looks like.

```
.text, #text, p{  
    color:rgb(57, 200, 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(57, 200, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 200, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 63.202, 151.756 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(57, 200, 119) }
```

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

```
.border{ border-color:rgb(57, 200, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 200, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 200, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 200, 119);  
box-shadow:4px 4px 4px 4px rgb(57, 200,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 63.202, 151.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 200, 119) }
```

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

```
.background{ background-color: rgb(57, 200,  
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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