

Converting Colors

CIELCh(72, 61.054, 156.424)

Have a look what the booklet for
CIELCh(72, 61.054, 156.424)
contains.

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Color

CIELCh(72, 61.110, 156.433)

Conversions

Conversions Part 1

Format	Color
Hex	28C982
RGB	40, 201, 130
RGB Percent	16%, 79%, 51%
CMY	0.8417, 0.2132, 0.4915
CMYK	0.80, 0.00, 0.35, 0.21
HSL	153°, 67%, 47%
HSV	153°, 80%, 79%
XYZ	25.6942, 43.6590, 28.0714
YIQ	144.7670, -73.1650, -56.2130

Conversions

Conversions Part 2

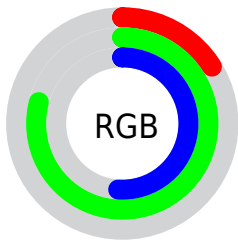
Format	Color
RYB	40, 143, 201
Decimal	2673026
CIELab	72.00, -56.01, 24.43
CIELCh	72, 61.110, 156.433
Yxy	43.6590, 0.2637, 0.4481
Android (android.graphics.Color)	4280863106 (0xFF28C982)
YUV	144.7670, -7.2801, -91.8807
Hunter-Lab	66.0750, -46.2190, 21.0636

Details

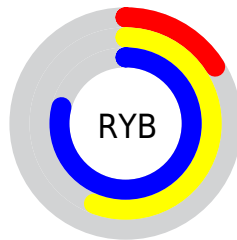
The CIELCh color **72, 61.110, 156.433** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **46, 65.250, 359.655**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 59.195, 157.100**, and **53, 55.332, 152.156** is the 20% darker color. If you saturate the color by 10%, you get **72, 65.922, 154.329**, and if you desaturate by 10%, it is **73, 55.477, 158.326**.

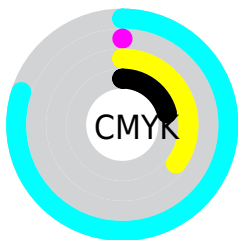
Distribution



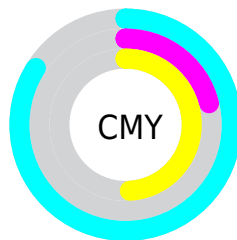
- Red (16%)
- Green (79%)
- Blue (51%)



- Red (16%)
- Yellow (56%)
- Blue (79%)



- Cyan (80%)
- Magenta (0%)
- Yellow (35%)
- Black (21%)





- Cyan (84%)
- Magenta (21%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 61.110, 156.433 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, 61.110, 156.433 by changing the saturation by 10% instead.


 72, 61.110,
156.433


 72, 61.110,
156.433


 100, 61.110,
156.433


 62, 61.110,
156.433


 92, 61.110,
156.433

 52, 61.110,
156.433

 42, 61.110,
156.433

 32, 61.110,
156.433

 22, 61.110,
156.433

 12, 61.110,
156.433

 2, 61.110, 156.433

■ 0, 61.110, 156.433

■ 72, 61.110,
156.433

■ 72, 61.110,
156.433

■ 72, 65.922,
154.329

■ 73, 55.477,
158.326

■ 71, 70.060,
152.093

■ 73, 49.037,
160.010

■ 71, 70.106,
152.068

■ 74, 41.873,
161.501

■ 75, 34.109,
162.824

■ 76, 25.890,
164.004

■ 78, 17.362,
165.066

■ 79, 8.658, 166.043

■ 81, 0.107, 342.851

■ 83, 8.838, 347.610

Harmonies

Complementary

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



72, 61.110, 156.433



46, 65.250, 359.655

Rectangle

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



72, 61.110, 156.433



72, 61.110, 206.433



72, 61.110, 336.433



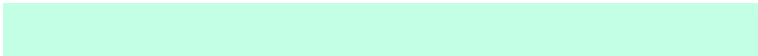
72, 61.110, 26.433

Sweetspot

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



72, 61.110, 156.433



95, 25.384, 164.606



73, 83.215, 128.136



50, 17.386, 164.217



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, 61.110, 156.433



89, 82.683, 152.635



71, 37.563, 203.443



41, 4.932, 166.091



59, 59.706, 152.444



11, 19.121, 158.646

Inverse Universe

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



46, 65.250, 359.655



55, 83.794, 6.646



45, 71.915, 35.445



39, 5.011, 347.623



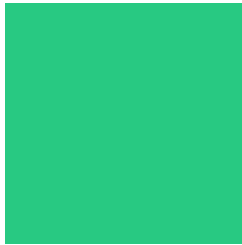
35, 60.458, 7.009



4, 17.355, 356.414

Previews

White Background



This preview shows how the CIELCh color 72, 61.110, 156.433 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, 61.110, 156.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

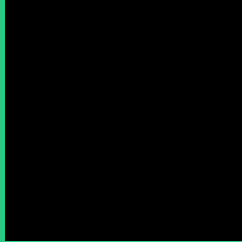
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 61.110, 156.433

Background



This preview shows how black text looks on a background with the CIELCh color 72, 61.110, 156.433.

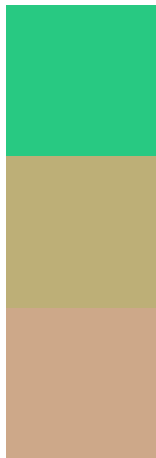


This preview shows how white text looks on a background with the CIELCh color 72, 61.110, 156.433.

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



Original Color
72, 61.199, 156.491

Protanopia
71, 30.725, 96.075

Deuteranopia
71, 23.000, 66.652



Tritanopia
72, 32.022, 213.171

Trichromacy



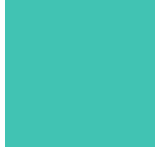
Original Color
72, 61.199, 156.491



Protanomaly
70, 38.122, 137.138



Deuteranomaly
70, 28.525, 136.387



Tritanomaly
72, 38.857, 183.398

Monochromacy



Original Color
72, 61.199, 156.491



Achromatopsia
60, 0.008, 296.813



Achromatomaly
63, 25.941, 163.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 61.110, 156.433 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(40, 201, 130)` looks like.

```
.text, #text, p{  
    color:rgb(40, 201, 130)  
}
```

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(40, 201, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 201, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 61.110, 156.433 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(40, 201, 130) }
```

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

```
.border{ border-color:rgb(40, 201, 130) }
```

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

Here you see how a box with a 4 pixel rgb(40, 201, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 201, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 201, 130);  
box-shadow:4px 4px 4px 4px rgb(40, 201,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 61.110, 156.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 201, 130) }
```

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

```
.background{ background-color: rgb(40, 201,  
130) }
```

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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