

Converting Colors

CIELCh(72, 74.623, 143.773)

Have a look what the booklet for
CIELCh(72, 74.623, 143.773)
contains.

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Color

CIELCh(72, 74.323, 143.846)

Conversions

Conversions Part 1

Format	Color
Hex	3CC95B
RGB	60, 201, 91
RGB Percent	24%, 79%, 36%
CMY	0.7630, 0.2105, 0.6420
CMYK	0.70, 0.00, 0.55, 0.21
HSL	133°, 57%, 51%
HSV	133°, 70%, 79%
XYZ	24.7527, 43.6590, 17.0865
YIQ	146.3010, -48.7260, -64.1020

Conversions

Conversions Part 2

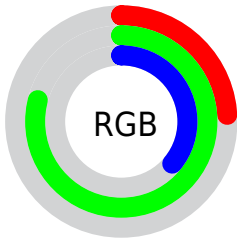
Format	Color
RYB	60, 176, 201
Decimal	3983707
CIELab	72.00, -60.01, 43.85
CIELCh	72, 74.323, 143.846
Yxy	43.6590, 0.2895, 0.5106
Android (android.graphics.Color)	4282173787 (0xFF3CC95B)
YUV	146.3010, -27.2634, -75.6860
Hunter-Lab	66.0750, -48.7623, 30.9205

Details

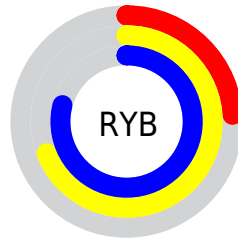
The CIELCh color **72, 74.323, 143.846** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **50, 72.223, 336.248**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 72.087, 144.171**, and **53, 70.602, 140.767** is the 20% darker color. If you saturate the color by 10%, you get **71, 82.119, 142.205**, and if you desaturate by 10%, it is **73, 65.365, 145.355**.

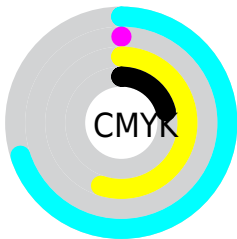
Distribution



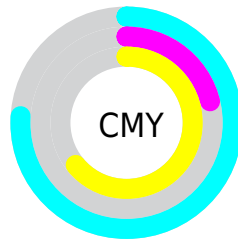
- Red (24%)
- Green (79%)
- Blue (36%)



- Red (24%)
- Yellow (69%)
- Blue (79%)



- Cyan (70%)
- Magenta (0%)
- Yellow (55%)
- Black (21%)




- Cyan (76%)
- Magenta (21%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 74.323, 143.846 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, 74.323, 143.846 by changing the saturation by 10% instead.


 72, 74.323,
143.846


 72, 74.323,
143.846


 100, 74.323,
143.846


 62, 74.323,
143.846


 92, 74.323,
143.846

 52, 74.323,
143.846

 42, 74.323,
143.846

 32, 74.323,
143.846

 22, 74.323,
143.846

 12, 74.323,
143.846

 2, 74.323, 143.846

0, 74.323, 143.846

72, 74.323,
143.846

72, 74.323,
143.846

71, 82.119,
142.205

73, 65.365,
145.355

71, 88.556,
140.496

74, 55.474,
146.703

71, 93.569,
138.883

75, 44.891,
147.884

71, 93.576,
138.881

76, 33.855,
148.909

78, 22.577,
149.797

79, 11.237,
150.573

■ 81, 0.025, 318.663

■ 83, 11.103,
331.749

■ 85, 21.925,
332.265

Harmonies

Complementary

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



72, 74.323, 143.846



50, 72.223, 336.248

Rectangle

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



72, 74.323, 143.846



72, 74.323, 193.846



72, 74.323, 323.846



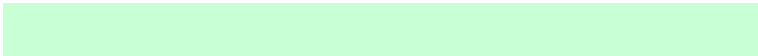
72, 74.323, 13.846

Sweetspot

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



72, 74.323, 143.846



96, 28.746, 149.688



77, 69.815, 114.648



50, 19.459, 149.448



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, 74.323, 143.846



88, 102.320, 141.322



73, 47.591, 168.823



41, 6.317, 150.618



58, 79.556, 139.153



11, 23.881, 147.672

Inverse Universe

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



50, 72.223, 336.248



59, 95.022, 337.700



48, 58.809, 9.206



39, 6.339, 331.764



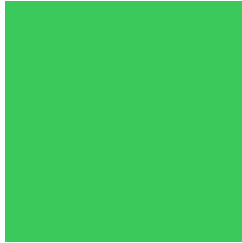
37, 69.984, 339.213



4, 22.070, 335.989

Previews

White Background



This preview shows how the CIELCh color 72, 74.323, 143.846 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, 74.323, 143.846 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, 74.323, 143.846

Background



This preview shows how black text looks on a background with the CIELCh color 72, 74.323, 143.846.



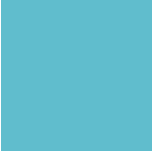
This preview shows how white text looks on a background with the CIELCh color 72, 74.323, 143.846.

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, 28.446, 215.496

Trichromacy



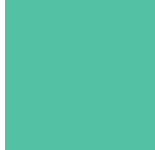
Original Color
72, 74.323, 143.846



Protanomaly
70, 54.126, 123.076



Deuteranomaly
70, 44.247, 117.370



Tritanomaly
71, 38.831, 172.321

Monochromacy



Original Color
72, 74.323, 143.846



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 29.685, 148.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 74.323, 143.846 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(60, 201, 91)` looks like.

```
.text, #text, p{  
    color:rgb(60, 201, 91)  
}
```

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(60, 201, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 201, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 74.323, 143.846 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(60, 201, 91) }
```

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

```
.border{ border-color:rgb(60, 201, 91) }
```

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

Here you see how a box with a 4 pixel rgb(60, 201, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 201, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 201, 91);  
box-shadow:4px 4px 4px 4px rgb(60, 201,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 74.323, 143.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 201, 91) }
```

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

```
.background{ background-color: rgb(60, 201,  
91) }
```

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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