

Converting Colors

CIELCh(75, 72.279, 143.096)

Have a look what the booklet for
CIELCh(75, 72.279, 143.096)
contains.

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Color

CIELCh(75, 72.279, 143.096)

Conversions

Conversions Part 1

Format	Color
Hex	50D164
RGB	80, 209, 100
RGB Percent	31%, 82%, 39%
CMY	0.6859, 0.1800, 0.6075
CMYK	0.62, 0.00, 0.52, 0.18
HSL	129°, 58%, 57%
HSV	129°, 62%, 82%
XYZ	28.4445, 48.2781, 19.8974
YIQ	158.0030, -41.8950, -61.2470

Conversions

Conversions Part 2

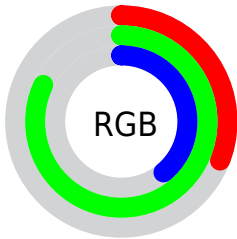
Format	Color
RYB	80, 192, 209
Decimal	5296484
CIELab	75.00, -57.80, 43.40
CIELCh	75, 72.279, 143.096
Yxy	48.2781, 0.2944, 0.4997
Android (android.graphics.Color)	4283486564 (0xFF50D164)
YUV	158.0030, -28.5955, -68.4086
Hunter-Lab	69.4824, -48.5205, 31.6590

Details

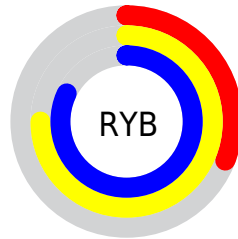
The CIELCh color **75, 72.279, 143.096** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **55, 71.080, 332.882**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 65.658, 143.715**, and **55, 70.854, 142.102** is the 20% darker color. If you saturate the color by 10%, you get **74, 81.591, 141.647**, and if you desaturate by 10%, it is **76, 61.819, 144.421**.

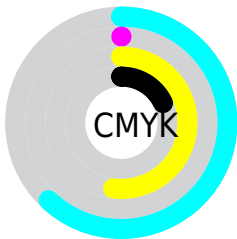
Distribution



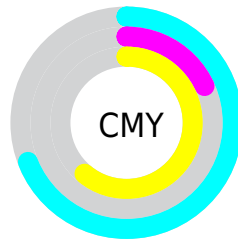
- Red (31%)
- Green (82%)
- Blue (39%)



- Red (31%)
- Yellow (75%)
- Blue (82%)



- Cyan (62%)
- Magenta (0%)
- Yellow (52%)
- Black (18%)





- Cyan (69%)
- Magenta (18%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 72.279, 143.096 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 75, 72.279, 143.096 by changing the saturation by 10% instead.


 75, 72.279,
143.096


 75, 72.279,
143.096


 100, 72.279,
143.096


 65, 72.279,
143.096


 95, 72.279,
143.096

 55, 72.279,
143.096

 45, 72.279,
143.096

 35, 72.279,
143.096

 25, 72.279,
143.096

 15, 72.279,
143.096

 5, 72.279, 143.096

0, 72.279, 143.096

75, 72.279,
143.096

75, 72.279,
143.096

74, 81.591,
141.647

76, 61.819,
144.421

74, 89.449,
140.130

77, 50.515,
145.597

74, 95.579,
138.647

78, 38.653,
146.622

73, 99.282,
137.587

80, 26.487,
147.507

82, 14.226,
148.274

84, 2.036, 149.053

■ 86, 9.962, 329.431

■ 88, 21.684,
329.930

■ 89, 28.777,
325.426

Harmonies

Complementary

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



75, 72.279, 143.096



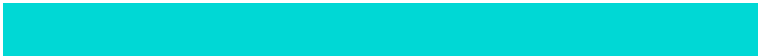
55, 71.080, 332.882

Rectangle

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



75, 72.279, 143.096



75, 72.279, 193.096



75, 72.279, 323.096



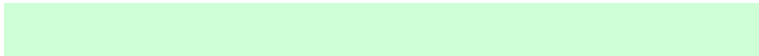
75, 72.279, 13.096

Sweetspot

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



75, 72.280, 143.096



96, 27.243, 147.707



80, 64.495, 111.778



51, 18.759, 147.473



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 72.280, 143.096



89, 97.844, 141.171



76, 47.644, 165.392



43, 6.895, 148.437



60, 84.035, 137.803



13, 28.225, 144.709

Inverse Universe

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



55, 71.080, 332.882



62, 93.894, 333.754



53, 54.852, 1.642



41, 6.913, 329.539



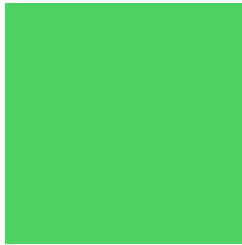
38, 75.069, 335.476



5, 27.611, 333.601

Previews

White Background



This preview shows how the CIELCh color 75, 72.279, 143.096 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 75, 72.279, 143.096 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 75, 72.279, 143.096

Background



This preview shows how black text looks on a background with the CIELCh color 75, 72.279, 143.096.

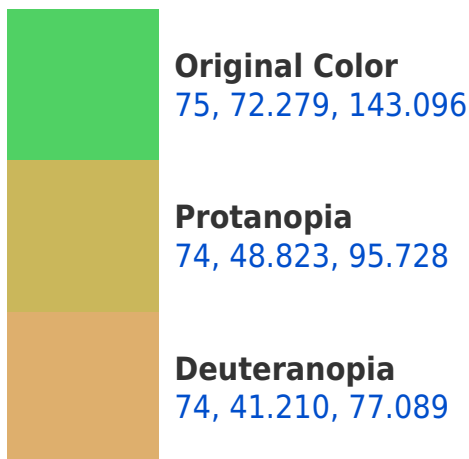


This preview shows how white text looks on a background with the CIELCh color 75, 72.279, 143.096.

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
75, 27.258, 216.277

Trichromacy



Original Color
75, 72.279, 143.096



Protanomaly
73, 52.707, 120.896



Deuteranomaly
73, 43.178, 115.516



Tritanomaly
74, 37.147, 171.605

Monochromacy



Original Color
75, 72.279, 143.096



Achromatopsia
65, 0.008, 296.813



Achromatomaly
68, 28.439, 146.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 72.279, 143.096 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(80, 209, 100)` looks like.

```
.text, #text, p{  
    color:rgb(80, 209, 100)  
}
```

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(80, 209, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 209, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 72.279, 143.096 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(80, 209, 100) }
```

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

```
.border{ border-color:rgb(80, 209, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 209, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 209, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 209, 100);  
box-shadow:4px 4px 4px 4px rgb(80, 209,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 72.279, 143.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 209, 100) }
```

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

```
.background{ background-color: rgb(80, 209,  
100) }
```

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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