

Converting Colors

CIELCh(75, 70.385, 140.894)

Have a look what the booklet for
CIELCh(75, 70.385, 140.894)
contains.

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Color

CIELCh(75, 70.520, 140.853)

Conversions

Conversions Part 1

Format	Color
Hex	5DD062
RGB	93, 208, 98
RGB Percent	36%, 82%, 38%
CMY	0.6356, 0.1846, 0.6160
CMYK	0.55, 0.00, 0.53, 0.18
HSL	123°, 55%, 59%
HSV	123°, 55%, 82%
XYZ	29.2447, 48.2781, 19.3150
YIQ	161.0750, -33.2300, -58.5900

Conversions

Conversions Part 2

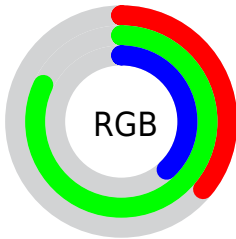
Format	Color
RYB	93, 203, 208
Decimal	6148194
CIELab	75.00, -54.69, 44.52
CIELCh	75, 70.520, 140.853
Yxy	48.2781, 0.3020, 0.4985
Android (android.graphics.Color)	4284338274 (0xFF5DD062)
YUV	161.0750, -31.0960, -59.7018
Hunter-Lab	69.4824, -46.4649, 32.1560

Details

The CIELCh color **75, 70.520, 140.853** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **58, 69.849, 328.591**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 64.423, 141.077**, and **55, 70.143, 140.936** is the 20% darker color. If you saturate the color by 10%, you get **74, 81.023, 139.636**, and if you desaturate by 10%, it is **76, 58.805, 141.994**.

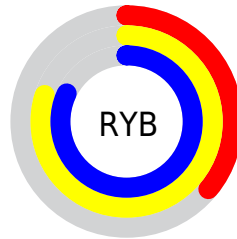
Distribution



Red (36%)

Green (82%)

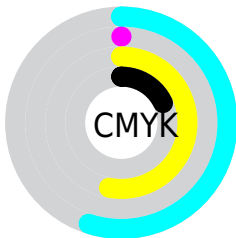
Blue (38%)



Red (36%)

Yellow (80%)

Blue (82%)

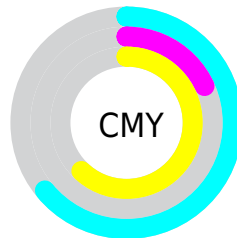


Cyan (55%)

Magenta (0%)

Yellow (53%)

Black (18%)



Cyan (64%)


Magenta (18%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 70.520, 140.853 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, 70.520, 140.853 by changing the saturation by 10% instead.


 75, 70.520,
140.853


 75, 70.520,
140.853


 100, 70.520,
140.853


 65, 70.520,
140.853


 95, 70.520,
140.853

 55, 70.520,
140.853

 45, 70.520,
140.853

 35, 70.520,
140.853

 25, 70.520,
140.853

 15, 70.520,
140.853

 5, 70.520, 140.853

0, 70.520, 140.853

75, 70.520,
140.853

75, 70.520,
140.853

74, 81.023,
139.636

76, 58.805,
141.994

74, 89.855,
138.424

77, 46.279,
143.017

73, 96.551,
137.343

79, 33.284,
143.911

73, 100.764,
136.531

80, 20.095,
144.682

73, 101.937,
136.321

82, 6.924, 145.361

84, 6.074, 325.830

87, 18.792,

326.332

■ 89, 29.512,
325.452

Harmonies

Complementary

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



75, 70.520, 140.853



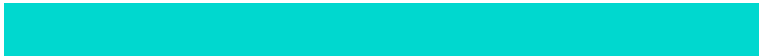
58, 69.849, 328.591

Rectangle

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



75, 70.520, 140.853



75, 70.520, 190.853



75, 70.520, 320.853



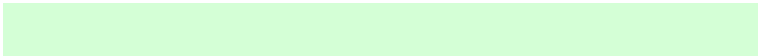
75, 70.520, 10.853

Sweetspot

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



75, 70.521, 140.853



96, 26.350, 144.545



81, 58.004, 106.606



51, 17.635, 144.393



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, 70.521, 140.853



89, 96.148, 139.455



76, 48.192, 159.374



43, 7.456, 145.089



60, 86.906, 136.411



13, 29.882, 142.777

Inverse Universe

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



58, 69.849, 328.591



66, 94.251, 329.083



55, 51.633, 352.008



41, 7.469, 326.129



39, 81.837, 330.031



6, 30.100, 329.269

Previews

White Background



This preview shows how the CIELCh color 75, 70.520, 140.853 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, 70.520, 140.853 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, 70.520, 140.853

Background



This preview shows how black text looks on a background with the CIELCh color 75, 70.520, 140.853.

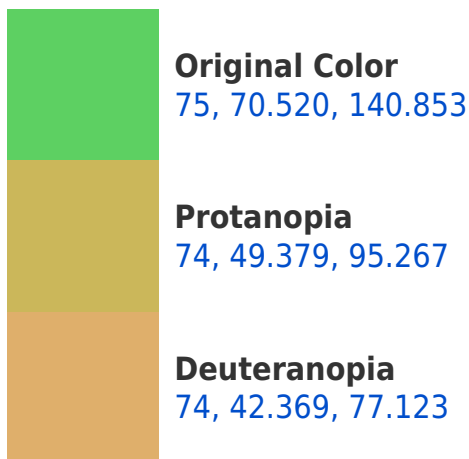


This preview shows how white text looks on a background with the CIELCh color 75, 70.520, 140.853.

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, 24.887, 216.940

Trichromacy



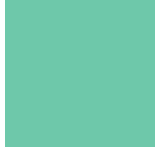
Original Color
75, 70.520, 140.853



Protanomaly
74, 52.612, 118.637



Deuteranomaly
73, 43.793, 112.030



Tritanomaly
75, 34.723, 168.927

Monochromacy



Original Color
75, 70.520, 140.853



Achromatopsia
66, 0.008, 296.813



Achromatomaly
69, 27.267, 144.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 70.520, 140.853 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(93, 208, 98)` looks like.

```
.text, #text, p{  
    color:rgb(93, 208, 98)  
}
```

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(93, 208, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 208, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 70.520, 140.853 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(93, 208, 98) }
```

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

```
.border{ border-color:rgb(93, 208, 98) }
```

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

Here you see how a box with a 4 pixel rgb(93, 208, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 208, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 208, 98);  
box-shadow:4px 4px 4px 4px rgb(93, 208,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 70.520, 140.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 208, 98) }
```

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

```
.background{ background-color: rgb(93, 208,  
98) }
```

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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