

Converting Colors

CIELCh(75, 69.984, 141.421)

Have a look what the booklet for
CIELCh(75, 69.984, 141.421)
contains.

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Color

CIELCh(75, 69.895, 141.463)

Conversions

Conversions Part 1

Format	Color
Hex	5CD064
RGB	92, 208, 100
RGB Percent	36%, 82%, 39%
CMY	0.6394, 0.1845, 0.6080
CMYK	0.56, 0.00, 0.52, 0.18
HSL	124°, 55%, 59%
HSV	124°, 56%, 82%
XYZ	29.2494, 48.2781, 19.8217
YIQ	161.0040, -34.4680, -58.1800

Conversions

Conversions Part 2

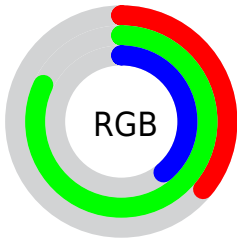
Format	Color
RYB	92, 201, 208
Decimal	6082660
CIELab	75.00, -54.67, 43.55
CIELCh	75, 69.895, 141.463
Yxy	48.2781, 0.3005, 0.4959
Android (android.graphics.Color)	4284272740 (0xFF5CD064)
YUV	161.0040, -30.0750, -60.5165
Hunter-Lab	69.4824, -46.4528, 31.7237

Details

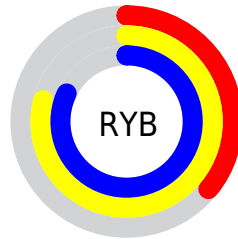
The CIELCh color **75, 69.895, 141.463** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **57, 69.169, 329.439**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 63.795, 141.778**, and **55, 69.635, 141.525** is the 20% darker color. If you saturate the color by 10%, you get **74, 80.252, 140.202**, and if you desaturate by 10%, it is **76, 58.379, 142.632**.

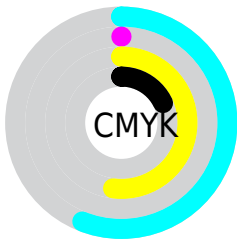
Distribution



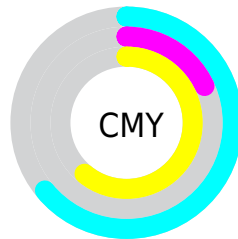
- Red (36%)
- Green (82%)
- Blue (39%)



- Red (36%)
- Yellow (79%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (52%)
- Black (18%)





- Cyan (64%)
- Magenta (18%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 69.895, 141.463 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, 69.895, 141.463 by changing the saturation by 10% instead.

 75, 69.895,
141.463

 75, 69.895,
141.463


 100, 69.895,
141.463


 65, 69.895,
141.463


 95, 69.895,
141.463

 55, 69.895,
141.463

 45, 69.895,
141.463

 35, 69.895,
141.463

 25, 69.895,
141.463

 15, 69.895,
141.463

 5, 69.895, 141.463

0, 69.895, 141.463

75, 69.895,
141.463

75, 69.895,
141.463

74, 80.252,
140.202

76, 58.379,
142.632

74, 89.031,
138.919

77, 46.079,
143.674

73, 95.807,
137.729

79, 33.318,
144.582

73, 100.251,
136.772

80, 20.361,
145.366

73, 101.465,
136.515

82, 7.414, 146.054

84, 5.369, 326.528

87, 17.883,

327.046

■ 89, 29.426,
325.548

■ 89, 29.497,
325.451

Harmonies

Complementary

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



75, 69.895, 141.463



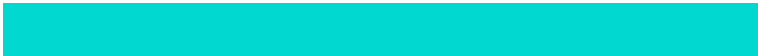
57, 69.169, 329.439

Rectangle

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



75, 69.895, 141.463



75, 69.895, 191.463



75, 69.895, 321.463



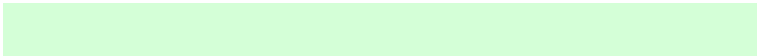
75, 69.895, 11.463

Sweetspot

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



75, 69.896, 141.463



96, 25.889, 145.262



81, 58.516, 108.164



51, 17.327, 145.109



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, 69.896, 141.463



89, 95.810, 139.943



76, 47.129, 161.163



43, 7.326, 145.811



60, 86.420, 136.642



13, 29.500, 143.200

Inverse Universe

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



57, 69.169, 329.439



65, 93.610, 330.003



55, 51.296, 354.334



41, 7.339, 326.862



39, 80.226, 331.163



5, 29.517, 330.174

Previews

White Background



This preview shows how the CIELCh color 75, 69.895, 141.463 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, 69.895, 141.463 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, 69.895, 141.463

Background



This preview shows how black text looks on a background with the CIELCh color 75, 69.895, 141.463.

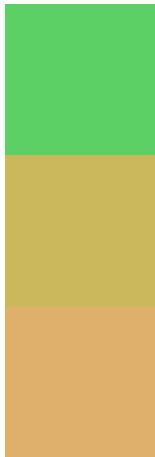


This preview shows how white text looks on a background with the CIELCh color 75, 69.895, 141.463.

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
75, 69.895, 141.463

Protanopia
74, 48.437, 95.180

Deuteranopia
74, 41.908, 76.856



Tritanopia
75, 25.215, 217.994

Trichromacy



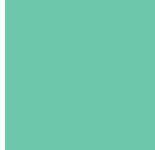
Original Color
75, 69.895, 141.463



Protanomaly
74, 51.697, 118.938



Deuteranomaly
73, 43.352, 112.685



Tritanomaly
75, 34.647, 169.859

Monochromacy



Original Color
75, 69.895, 141.463



Achromatopsia
66, 0.008, 296.813



Achromatomaly
69, 26.821, 144.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 69.895, 141.463 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(92, 208, 100)` looks like.

```
.text, #text, p{  
    color:rgb(92, 208, 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(92, 208, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 208, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 69.895, 141.463 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(92, 208, 100) }
```

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

```
.border{ border-color:rgb(92, 208, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 208, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 208, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 208, 100);  
box-shadow:4px 4px 4px 4px rgb(92, 208,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 69.895, 141.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 208, 100) }
```

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

```
.background{ background-color: rgb(92, 208,  
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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