

Converting Colors

CIELCh(70, 54.539, 141.483)

Have a look what the booklet for
CIELCh(70, 54.539, 141.483)
contains.

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Color

CIELCh(70, 54.738, 141.556)

Conversions

Conversions Part 1

Format	Color
Hex	69BE6B
RGB	105, 190, 107
RGB Percent	41%, 75%, 42%
CMY	0.5893, 0.2560, 0.5814
CMYK	0.45, 0.00, 0.44, 0.26
HSL	121°, 39%, 58%
HSV	121°, 45%, 74%
XYZ	26.7872, 40.7494, 20.2933
YIQ	155.1230, -24.0170, -43.8330

Conversions

Conversions Part 2

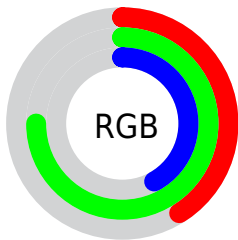
Format	Color
RYB	105, 188, 190
Decimal	6930027
CIELab	70.00, -42.87, 34.03
CIELCh	70, 54.738, 141.556
Yxy	40.7494, 0.3050, 0.4640
Android (android.graphics.Color)	4285120107 (0xFF69BE6B)
YUV	155.1230, -23.7246, -43.9579
Hunter-Lab	63.8353, -36.8079, 25.8363

Details

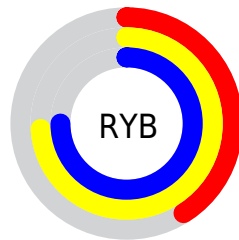
The CIELCh color **70, 54.738, 141.556** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **57, 54.545, 327.475**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 54.879, 141.289**, and **50, 54.617, 141.611** is the 20% darker color. If you saturate the color by 10%, you get **69, 65.798, 140.449**, and if you desaturate by 10%, it is **71, 42.927, 142.554**.

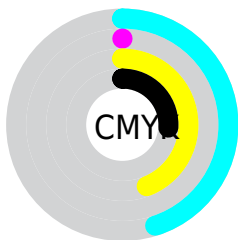
Distribution



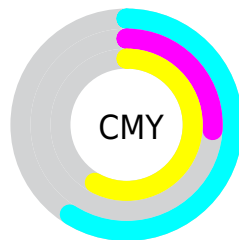
- Red (41%)
- Green (75%)
- Blue (42%)



- Red (41%)
- Yellow (74%)
- Blue (75%)



- Cyan (45%)
- Magenta (0%)
- Yellow (44%)
- Black (26%)





- Cyan (59%)
- Magenta (26%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 54.738, 141.556 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 70, 54.738, 141.556 by changing the saturation by 10% instead.


 70, 54.738,
141.556


 70, 54.738,
141.556


 100, 54.738,
141.556


 60, 54.738,
141.556


 90, 54.738,
141.556

 50, 54.738,
141.556

 40, 54.738,
141.556

 30, 54.738,
141.556

 20, 54.738,
141.556

 10, 54.738,
141.556

 0, 54.738, 141.556

70, 54.738,
141.556

70, 54.738,
141.556

69, 65.798,
140.449

71, 42.927,
142.554

68, 75.717,
139.275

73, 30.687,
143.428

68, 84.049,
138.123

74, 18.274,
144.184

67, 90.334,
137.122

76, 5.887, 144.852

67, 94.234,
136.408

78, 6.332, 325.311

67, 95.466,
136.203

80, 18.282,
325.796

82, 29.903,
326.192

85, 40.892,
325.879

■ 85, 40.927,
325.844

Harmonies

Complementary

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



70, 54.738, 141.556



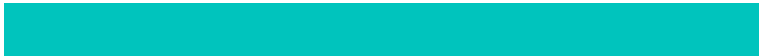
57, 54.545, 327.475

Rectangle

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



70, 54.738, 141.556



70, 54.738, 191.556



70, 54.738, 321.556



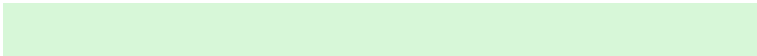
70, 54.738, 11.556

Sweetspot

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



70, 54.739, 141.556



94, 19.892, 144.294



75, 44.434, 106.702



50, 14.048, 144.138



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 54.739, 141.556



88, 80.407, 140.440



71, 37.576, 159.997



39, 6.944, 144.553



57, 83.321, 136.249



9, 21.432, 144.831

Inverse Universe

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



57, 54.545, 327.475



68, 79.729, 327.942



55, 39.741, 349.240



37, 6.955, 325.571



37, 79.375, 329.188



3, 20.997, 326.277

Previews

White Background



This preview shows how the CIELCh color 70, 54.738, 141.556 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 70, 54.738, 141.556 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 70, 54.738, 141.556

Background



This preview shows how black text looks on a background with the CIELCh color 70, 54.738, 141.556.



This preview shows how white text looks on a background with the CIELCh color 70, 54.738, 141.556.

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](#).

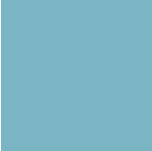
Dichromacy



Original Color
70, 54.738, 141.556

Protanopia
70, 38.734, 95.929

Deuteranopia
70, 32.825, 74.741



Tritanopia
70, 19.826, 221.005

Trichromacy



Original Color
70, 54.738, 141.556



Protanomaly
69, 40.891, 118.565



Deuteranomaly
69, 33.389, 110.376



Tritanomaly
70, 26.933, 170.618

Monochromacy



Original Color
70, 54.738, 141.556



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 20.996, 143.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 54.738, 141.556 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(105, 190, 107)` looks like.

```
.text, #text, p{  
    color:rgb(105, 190, 107)  
}
```

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(105, 190, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 190, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 54.738, 141.556 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(105, 190, 107) }
```

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

```
.border{ border-color:rgb(105, 190, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 190, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 190, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 190, 107); box-shadow:4px 4px 4px 4px rgb(105, 190, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 54.738, 141.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 190, 107) }
```

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

```
.background{ background-color: rgb(105,  
190, 107) }
```

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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