

Converting Colors

CIELCh(71, 61.824, 144.543)

Have a look what the booklet for
CIELCh(71, 61.824, 144.543)
contains.

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Color

CIELCh(71, 61.852, 144.508)

Conversions

Conversions Part 1

Format	Color
Hex	56C369
RGB	86, 195, 105
RGB Percent	34%, 76%, 41%
CMY	0.6615, 0.2341, 0.5871
CMYK	0.56, 0.00, 0.46, 0.23
HSL	130°, 48%, 55%
HSV	130°, 56%, 77%
XYZ	26.0157, 42.1875, 20.2118
YIQ	152.1490, -36.0740, -51.0980

Conversions

Conversions Part 2

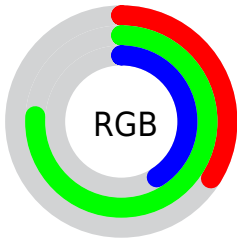
Format	Color
RYB	86, 179, 195
Decimal	5686121
CIELab	71.00, -50.36, 35.91
CIELCh	71, 61.852, 144.508
Yxy	42.1875, 0.2942, 0.4772
Android (android.graphics.Color)	4283876201 (0xFF56C369)
YUV	152.1490, -23.2445, -58.0127
Hunter-Lab	64.9519, -42.1698, 27.0164

Details

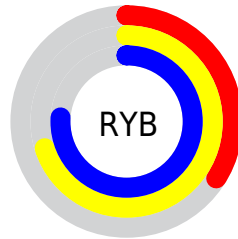
The CIELCh color **71, 61.852, 144.508** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **53, 61.321, 333.220**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 61.420, 144.645**, and **51, 61.853, 144.434** is the 20% darker color. If you saturate the color by 10%, you get **70, 71.268, 143.115**, and if you desaturate by 10%, it is **72, 51.565, 145.751**.

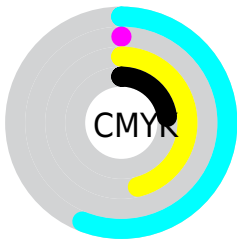
Distribution



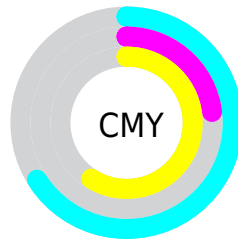
- Red (34%)
- Green (76%)
- Blue (41%)



- Red (34%)
- Yellow (70%)
- Blue (76%)



- Cyan (56%)
- Magenta (0%)
- Yellow (46%)
- Black (23%)





- Cyan (66%)
- Magenta (23%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 61.852, 144.508 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 71, 61.852, 144.508 by changing the saturation by 10% instead.


 71, 61.852,
144.508


 71, 61.852,
144.508


 100, 61.852,
144.508


 61, 61.852,
144.508


 91, 61.852,
144.508

 51, 61.852,
144.508

 41, 61.852,
144.508

 31, 61.852,
144.508

 21, 61.852,
144.508

 11, 61.852,
144.508

 1, 61.852, 144.508

■ 0, 61.852, 144.508

■ 71, 61.852,
144.508

■ 71, 61.852,
144.508

■ 70, 71.268,
143.115

■ 72, 51.565,
145.751

■ 70, 79.541,
141.602

■ 73, 40.668,
146.839

■ 69, 86.417,
140.034

■ 75, 29.404,
147.782

■ 69, 91.682,
138.519

■ 76, 17.979,
148.597

■ 69, 93.449,
137.985

■ 78, 6.561, 149.321

■ 80, 4.722, 329.813

■ 82, 15.779,

330.376

■ 84, 26.549,
330.834

■ 86, 35.567,
327.890

Harmonies

Complementary

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



71, 61.852, 144.508



53, 61.321, 333.220

Rectangle

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



71, 61.852, 144.508



71, 61.852, 194.508



71, 61.852, 324.508



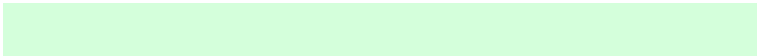
71, 61.852, 14.508

Sweetspot

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



71, 61.853, 144.508



96, 24.030, 148.484



76, 56.131, 112.861



51, 16.082, 148.324



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 61.853, 144.508



89, 89.532, 142.781



72, 40.982, 167.450



40, 6.388, 149.068



58, 80.418, 138.209



10, 22.298, 147.387

Inverse Universe

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



53, 61.321, 333.220



64, 87.213, 334.077



52, 47.231, 1.418



38, 6.406, 330.173



36, 71.533, 336.507



4, 20.540, 333.242

Previews

White Background



This preview shows how the CIE LCh color 71, 61.852, 144.508 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 71, 61.852, 144.508 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 71, 61.852, 144.508

Background



This preview shows how black text looks on a background with the CIELCh color 71, 61.852, 144.508.

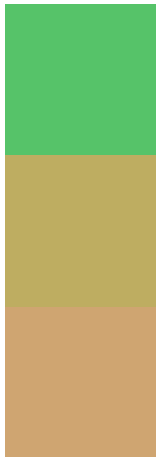


This preview shows how white text looks on a background with the CIELCh color 71, 61.852, 144.508.

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

71, 61.852, 144.508

Protanopia

71, 41.221, 95.730

Deuteranopia

70, 33.925, 74.985



Tritanopia
71, 24.392, 217.545

Trichromacy



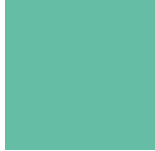
Original Color
71, 61.852, 144.508



Protanomaly
70, 44.537, 121.629



Deuteranomaly
69, 35.749, 115.337



Tritanomaly
71, 32.259, 173.876

Monochromacy



Original Color
71, 61.852, 144.508



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 23.983, 148.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 61.852, 144.508 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(86, 195, 105)` looks like.

```
.text, #text, p{  
    color:rgb(86, 195, 105)  
}
```

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(86, 195, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 195, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 61.852, 144.508 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(86, 195, 105) }
```

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

```
.border{ border-color:rgb(86, 195, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 195, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 195, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 195, 105);  
box-shadow:4px 4px 4px 4px rgb(86, 195,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 61.852, 144.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 195, 105) }
```

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

```
.background{ background-color: rgb(86, 195,  
105) }
```

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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