

Converting Colors

CIELCh(71, 66.279, 146.474)

Have a look what the booklet for
CIELCh(71, 66.279, 146.474)
contains.

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Color

CIELCh(71, 66.141, 146.587)

Conversions

Conversions Part 1

Format	Color
Hex	44C568
RGB	68, 197, 104
RGB Percent	27%, 77%, 41%
CMY	0.7331, 0.2272, 0.5920
CMYK	0.65, 0.00, 0.47, 0.23
HSL	137°, 53%, 52%
HSV	137°, 65%, 77%
XYZ	24.8671, 42.1875, 19.9413
YIQ	147.8270, -47.0310, -56.2710

Conversions

Conversions Part 2

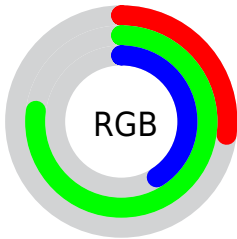
Format	Color
RYB	68, 169, 197
Decimal	4506984
CIELab	71.00, -55.21, 36.42
CIELCh	71, 66.141, 146.587
Yxy	42.1875, 0.2858, 0.4849
Android (android.graphics.Color)	4282697064 (0xFF44C568)
YUV	147.8270, -21.6067, -70.0083
Hunter-Lab	64.9519, -45.3263, 27.2633

Details

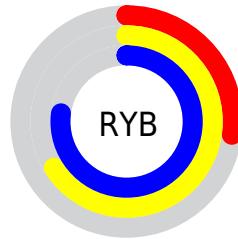
The CIELCh color **71, 66.141, 146.587** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **50, 65.274, 338.687**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 66.085, 146.636**, and **51, 63.745, 144.385** is the 20% darker color. If you saturate the color by 10%, you get **70, 74.075, 144.927**, and if you desaturate by 10%, it is **72, 57.272, 148.072**.

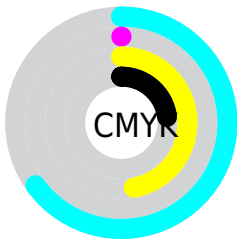
Distribution



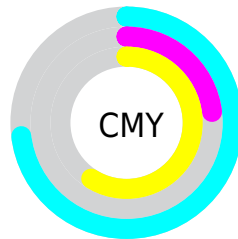
- Red (27%)
- Green (77%)
- Blue (41%)



- Red (27%)
- Yellow (66%)
- Blue (77%)



- Cyan (65%)
- Magenta (0%)
- Yellow (47%)
- Black (23%)





- Cyan (73%)
- Magenta (23%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 66.141, 146.587 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, 66.141, 146.587 by changing the saturation by 10% instead.


 71, 66.141,
146.587


 71, 66.141,
146.587


 100, 66.141,
146.587


 61, 66.141,
146.587


 91, 66.141,
146.587

 51, 66.141,
146.587

 41, 66.141,
146.587

 31, 66.141,
146.587

 21, 66.141,
146.587

 11, 66.141,
146.587

 1, 66.141, 146.587

■ 0, 66.141, 146.587

■ 71, 66.141,
146.587

■ 71, 66.141,
146.587

■ 70, 74.075,
144.927

■ 72, 57.272,
148.072

■ 70, 80.914,
143.120

■ 73, 47.661,
149.377

■ 70, 86.559,
141.234

■ 74, 37.514,
150.514

■ 70, 88.790,
140.435

■ 75, 27.035,
151.501

■ 77, 16.401,
152.362

■ 79, 5.762, 153.142

■ 80, 4.768, 333.666

■ 82, 15.102,
334.285

■ 85, 25.182,
334.801

Harmonies

Complementary

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



71, 66.141, 146.587



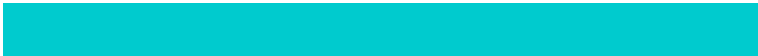
50, 65.274, 338.687

Rectangle

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



71, 66.141, 146.587



71, 66.141, 196.587



71, 66.141, 326.587



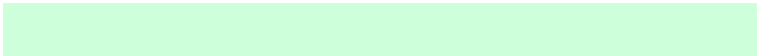
71, 66.141, 16.587

Sweetspot

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



71, 66.142, 146.587



96, 26.182, 151.959



75, 65.761, 117.016



51, 17.865, 151.709



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, 66.142, 146.587



89, 94.059, 144.083



72, 42.592, 173.512



41, 6.045, 152.839



58, 76.697, 140.718



11, 23.162, 148.952

Inverse Universe

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



50, 65.274, 338.687



60, 89.266, 340.401



48, 54.659, 11.673



39, 6.073, 334.042



36, 67.131, 343.180



4, 20.940, 339.308

Previews

White Background



This preview shows how the CIELCh color 71, 66.141, 146.587 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, 66.141, 146.587 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, 66.141, 146.587

Background



This preview shows how black text looks on a background with the CIELCh color 71, 66.141, 146.587.



This preview shows how white text looks on a background with the CIELCh color 71, 66.141, 146.587.

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](#).

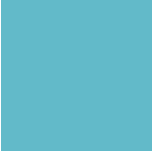
Dichromacy



Original Color
71, 66.141, 146.587

Protanopia
71, 42.212, 95.849

Deuteranopia
70, 34.392, 75.369



Tritanopia
71, 27.307, 215.152

Trichromacy



Original Color
71, 66.141, 146.587



Protanomaly
70, 46.823, 124.311



Deuteranomaly
69, 37.415, 119.968



Tritanomaly
71, 35.919, 175.101

Monochromacy



Original Color
71, 66.141, 146.587



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 26.180, 151.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 66.141, 146.587 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(68, 197, 104)` looks like.

```
.text, #text, p{  
    color:rgb(68, 197, 104)  
}
```

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(68, 197, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 197, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 66.141, 146.587 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(68, 197, 104) }
```

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

```
.border{ border-color:rgb(68, 197, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 197, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 197, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 197, 104);  
box-shadow:4px 4px 4px 4px rgb(68, 197,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 66.141, 146.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 197, 104) }
```

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

```
.background{ background-color: rgb(68, 197,  
104) }
```

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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