

Converting Colors

CIELCh(70, 76.292, 140.496)

Have a look what the booklet for
CIELCh(70, 76.292, 140.496)
contains.

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Color

CIELCh(70, 76.301, 140.517)

Conversions

Conversions Part 1

Format	Color
Hex	41C34C
RGB	65, 195, 76
RGB Percent	25%, 76%, 30%
CMY	0.7444, 0.2347, 0.7014
CMYK	0.67, 0.00, 0.61, 0.23
HSL	125°, 52%, 51%
HSV	125°, 67%, 77%
XYZ	23.0491, 40.7494, 13.5126
YIQ	142.5640, -39.2810, -64.5690

Conversions

Conversions Part 2

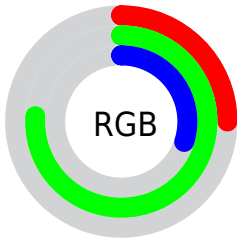
Format	Color
RYB	65, 185, 195
Decimal	4309836
CIELab	70.00, -58.89, 48.52
CIELCh	70, 76.301, 140.517
Yxy	40.7494, 0.2981, 0.5271
Android (android.graphics.Color)	4282499916 (0xFF41C34C)
YUV	142.5640, -32.8161, -68.0236
Hunter-Lab	63.8353, -47.2603, 32.1342

Details

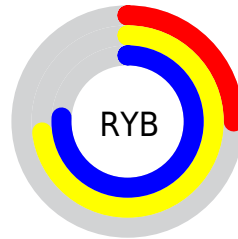
The CIELCh color **70, 76.301, 140.517** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **51, 74.624, 330.479**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 76.387, 140.562**, and **50, 73.395, 137.822** is the 20% darker color. If you saturate the color by 10%, you get **69, 84.562, 139.199**, and if you desaturate by 10%, it is **71, 66.588, 141.802**.

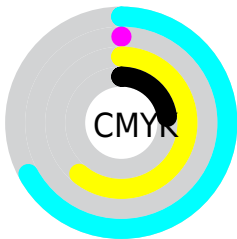
Distribution



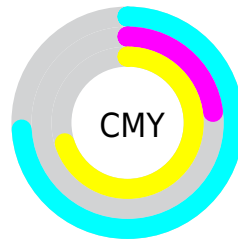
- Red (25%)
- Green (76%)
- Blue (30%)



- Red (25%)
- Yellow (73%)
- Blue (76%)



- Cyan (67%)
- Magenta (0%)
- Yellow (61%)
- Black (23%)





- Cyan (74%)
- Magenta (23%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 76.301, 140.517 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, 76.301, 140.517 by changing the saturation by 10% instead.


 70, 76.301,
140.517


 70, 76.301,
140.517


 100, 76.301,
140.517


 60, 76.301,
140.517


 90, 76.301,
140.517

 50, 76.301,
140.517

 40, 76.301,
140.517

 30, 76.301,
140.517

 20, 76.301,
140.517

 10, 76.301,
140.517

 0, 76.301, 140.517

70, 76.301,
140.517

70, 76.301,
140.517

69, 84.562,
139.199

71, 66.588,
141.802

69, 90.993,
137.955

72, 55.795,
142.986

69, 95.308,
136.928

73, 44.264,
144.040

69, 96.332,
136.696

74, 32.291,
144.959

76, 20.122,
145.752

78, 7.951, 146.446

80, 4.077, 326.919

82, 15.862,
327.459

■ 84, 27.335,
327.887

Harmonies

Complementary

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



70, 76.301, 140.517



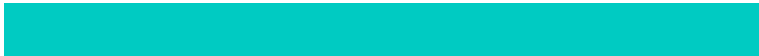
51, 74.624, 330.479

Rectangle

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



70, 76.301, 140.517



70, 76.301, 190.517



70, 76.301, 320.517



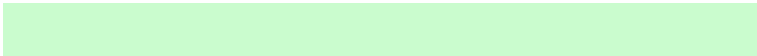
70, 76.301, 10.517

Sweetspot

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



70, 76.301, 140.517



95, 29.915, 145.471



76, 64.512, 108.335



50, 20.585, 145.244



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 76.301, 140.517



87, 106.557, 138.605



71, 50.993, 160.437



40, 6.808, 146.260



57, 83.112, 136.838



10, 23.301, 145.621

Inverse Universe

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



51, 74.624, 330.479



61, 101.668, 331.144



48, 56.226, 357.832



38, 6.821, 327.308



37, 76.625, 331.857



4, 22.387, 329.335

Previews

White Background



This preview shows how the CIELCh color 70, 76.301, 140.517 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, 76.301, 140.517 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, 76.301, 140.517

Background



This preview shows how black text looks on a background with the CIELCh color 70, 76.301, 140.517.

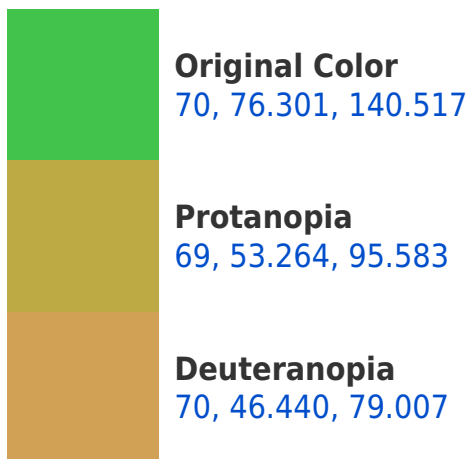


This preview shows how white text looks on a background with the CIELCh color 70, 76.301, 140.517.

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
70, 26.633, 215.697

Trichromacy



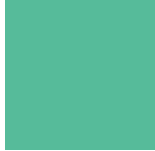
Original Color
70, 76.301, 140.517



Protanomaly
68, 57.133, 119.776



Deuteranomaly
68, 48.845, 113.867



Tritanomaly
69, 38.298, 168.182

Monochromacy



Original Color
70, 76.301, 140.517



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 30.239, 144.807

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 76.301, 140.517 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(65, 195, 76)` looks like.

```
.text, #text, p{  
    color:rgb(65, 195, 76)  
}
```

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(65, 195, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 195, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 76.301, 140.517 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(65, 195, 76) }
```

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

```
.border{ border-color:rgb(65, 195, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 195, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 195, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 195, 76);  
box-shadow:4px 4px 4px 4px rgb(65, 195,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 76.301, 140.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 195, 76) }
```

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

```
.background{ background-color: rgb(65, 195,  
76) }
```

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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