

Converting Colors

CIELCh(74, 75.196, 140.323)

Have a look what the booklet for
CIELCh(74, 75.196, 140.323)
contains.

CIELCh(74, 75.039, 140.390)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 75.039, 140.390)

Conversions

Conversions Part 1

Format	Color
Hex	52CE58
RGB	82, 206, 88
RGB Percent	32%, 81%, 35%
CMY	0.6779, 0.1917, 0.6545
CMYK	0.60, 0.00, 0.57, 0.19
HSL	123°, 56%, 57%
HSV	123°, 60%, 81%
XYZ	27.3557, 46.7039, 16.8284
YIQ	155.4720, -36.0260, -62.9860

Conversions

Conversions Part 2

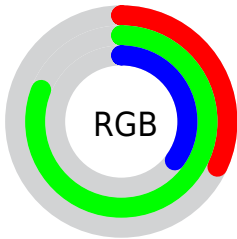
Format	Color
RYB	82, 200, 206
Decimal	5426776
CIELab	74.00, -57.81, 47.84
CIELCh	74, 75.039, 140.390
Yxy	46.7039, 0.3010, 0.5139
Android (android.graphics.Color)	4283616856 (0xFF52CE58)
YUV	155.4720, -33.2637, -64.4349
Hunter-Lab	68.3403, -48.1444, 33.2384

Details

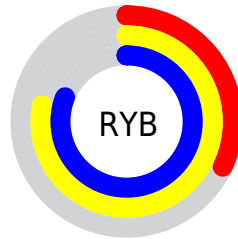
The CIELCh color **74, 75.039, 140.390** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **55, 74.027, 328.958**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 70.106, 140.510**, and **54, 73.948, 139.628** is the 20% darker color. If you saturate the color by 10%, you get **73, 84.725, 139.153**, and if you desaturate by 10%, it is **75, 63.954, 141.580**.

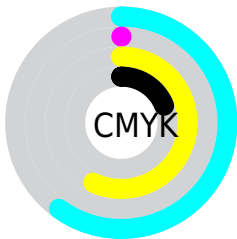
Distribution



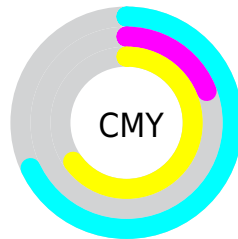
- Red (32%)
- Green (81%)
- Blue (35%)



- Red (32%)
- Yellow (78%)
- Blue (81%)



- Cyan (60%)
- Magenta (0%)
- Yellow (57%)
- Black (19%)





- Cyan (68%)
- Magenta (19%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 75.039, 140.390 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 74, 75.039, 140.390 by changing the saturation by 10% instead.


 74, 75.039,
140.390


 74, 75.039,
140.390


 100, 75.039,
140.390


 64, 75.039,
140.390


 94, 75.039,
140.390

 54, 75.039,
140.390

 44, 75.039,
140.390

 34, 75.039,
140.390

 24, 75.039,
140.390

 14, 75.039,
140.390

 4, 75.039, 140.390

0, 75.039, 140.390

74, 75.039,
140.390

74, 75.039,
140.390

73, 84.725,
139.153

75, 63.954,
141.580

73, 92.551,
137.969

76, 51.891,
142.665

73, 98.095,
136.976

77, 39.213,
143.623

72, 101.183,
136.357

79, 26.221,
144.453

81, 13.154,
145.170

83, 0.190, 147.198

■ 85, 12.543,
326.238

■ 87, 24.959,
326.682

■ 88, 30.650,
325.491

Harmonies

Complementary

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



74, 75.039, 140.390



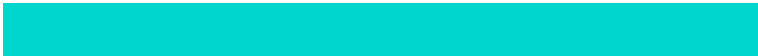
55, 74.027, 328.958

Rectangle

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



74, 75.039, 140.390



74, 75.039, 190.390



74, 75.039, 320.390



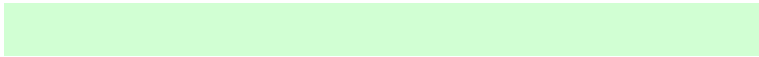
74, 75.039, 10.390

Sweetspot

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



74, 75.040, 140.390



96, 27.819, 144.599



80, 61.916, 106.256



51, 19.344, 144.374



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 75.040, 140.390



89, 102.220, 138.819



75, 51.405, 158.629



42, 7.283, 145.221



59, 85.829, 136.460



12, 28.022, 143.712

Inverse Universe

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



55, 74.027, 328.958



64, 99.418, 329.474



53, 55.115, 352.909



40, 7.295, 326.260



39, 80.630, 330.230



5, 27.940, 329.101

Previews

White Background



This preview shows how the CIELCh color 74, 75.039, 140.390 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 74, 75.039, 140.390 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 74, 75.039, 140.390

Background



This preview shows how black text looks on a background with the CIELCh color 74, 75.039, 140.390.

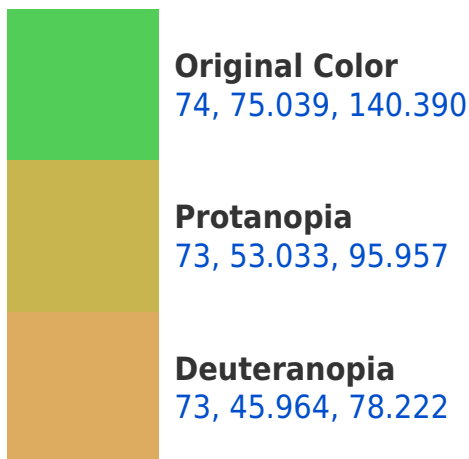


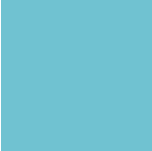
This preview shows how white text looks on a background with the CIELCh color 74, 75.039, 140.390.

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
74, 26.045, 216.010

Trichromacy



Original Color
74, 75.039, 140.390



Protanomaly
73, 56.663, 119.098



Deuteranomaly
72, 47.373, 112.267



Tritanomaly
73, 37.328, 167.940

Monochromacy



Original Color
74, 75.039, 140.390



Achromatopsia
64, 0.008, 296.813



Achromatomaly
67, 29.402, 143.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 75.039, 140.390 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(82, 206, 88)` looks like.

```
.text, #text, p{  
    color:rgb(82, 206, 88)  
}
```

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(82, 206, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 206, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 75.039, 140.390 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(82, 206, 88) }
```

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

```
.border{ border-color:rgb(82, 206, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 206, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 206, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 206, 88);  
box-shadow:4px 4px 4px 4px rgb(82, 206,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 75.039, 140.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 206, 88) }
```

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

```
.background{ background-color: rgb(82, 206,  
88) }
```

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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