

Converting Colors

CIELCh(70, 74.855, 142.205)

Have a look what the booklet for
CIELCh(70, 74.855, 142.205)
contains.

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Color

CIELCh(70, 74.710, 142.289)

Conversions

Conversions Part 1

Format	Color
Hex	3CC352
RGB	60, 195, 82
RGB Percent	24%, 76%, 32%
CMY	0.7632, 0.2341, 0.6774
CMYK	0.69, 0.00, 0.58, 0.23
HSL	130°, 53%, 50%
HSV	130°, 69%, 77%
XYZ	23.0018, 40.7494, 14.6901
YIQ	141.7530, -44.1870, -63.7630

Conversions

Conversions Part 2

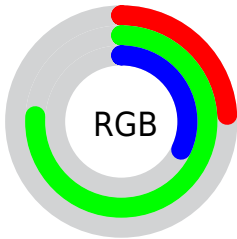
Format	Color
RYB	60, 176, 195
Decimal	3982162
CIELab	70.00, -59.10, 45.70
CIELCh	70, 74.710, 142.289
Yxy	40.7494, 0.2932, 0.5195
Android (android.graphics.Color)	4282172242 (0xFF3CC352)
YUV	141.7530, -29.4582, -71.6974
Hunter-Lab	63.8353, -47.3926, 31.0406

Details

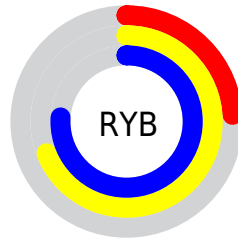
The CIELCh color **70, 74.710, 142.289** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **49, 72.625, 333.653**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 75.111, 142.201**, and **51, 71.175, 139.114** is the 20% darker color. If you saturate the color by 10%, you get **69, 82.569, 140.774**, and if you desaturate by 10%, it is **71, 65.588, 143.711**.

Distribution



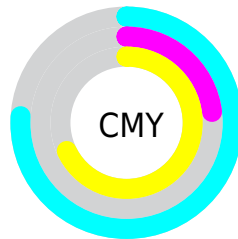
- Red (24%)
- Green (76%)
- Blue (32%)



- Red (24%)
- Yellow (69%)
- Blue (76%)



- Cyan (69%)
- Magenta (0%)
- Yellow (58%)
- Black (23%)




- Cyan (76%)
- Magenta (23%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 74.710, 142.289 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, 74.710, 142.289 by changing the saturation by 10% instead.

 70, 74.710,
142.289

 70, 74.710,
142.289


 100, 74.710,
142.289


 60, 74.710,
142.289

 90, 74.710,
142.289

 50, 74.710,
142.289

 40, 74.710,
142.289

 30, 74.710,
142.289

 20, 74.710,
142.289

 10, 74.710,
142.289

 0, 74.710, 142.289

70, 74.710,
142.289

70, 74.710,
142.289

69, 82.569,
140.774

71, 65.588,
143.711

69, 88.903,
139.249

72, 55.482,
144.995

69, 93.560,
137.875

73, 44.669,
146.127

69, 93.917,
137.774

74, 33.405,
147.111

76, 21.915,
147.961

77, 10.382,
148.702

79, 1.052, 329.019

81, 12.283,
329.812

■ 83, 23.240,
330.290

Harmonies

Complementary

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



70, 74.710, 142.289



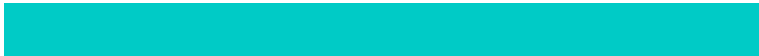
49, 72.625, 333.653

Rectangle

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



70, 74.710, 142.289



70, 74.710, 192.289



70, 74.710, 322.289



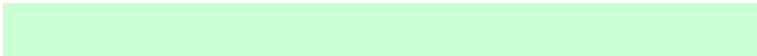
70, 74.710, 12.289

Sweetspot

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



70, 74.710, 142.289



95, 29.964, 147.780



75, 66.815, 111.498



50, 20.285, 147.546



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, 74.710, 142.289



88, 105.233, 139.969



71, 49.166, 164.222



40, 6.442, 148.682



58, 80.842, 137.989



10, 22.428, 147.147

Inverse Universe

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



49, 72.625, 333.653



60, 98.440, 334.733



47, 57.033, 3.592



38, 6.459, 329.778



37, 72.167, 335.849



4, 20.773, 332.682

Previews

White Background



This preview shows how the CIELCh color 70, 74.710, 142.289 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, 74.710, 142.289 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, 74.710, 142.289

Background



This preview shows how black text looks on a background with the CIELCh color 70, 74.710, 142.289.



This preview shows how white text looks on a background with the CIELCh color 70, 74.710, 142.289.

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, 74.710, 142.289

Protanopia

70, 51.032, 95.446

Deuteranopia

69, 43.443, 78.178



Tritanopia
70, 27.272, 215.215

Trichromacy



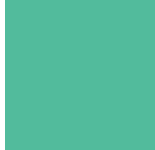
Original Color
70, 74.710, 142.289



Protanomaly
68, 55.226, 121.327



Deuteranomaly
68, 46.241, 116.168



Tritanomaly
69, 38.462, 170.100

Monochromacy



Original Color
70, 74.710, 142.289



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 29.842, 147.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 74.710, 142.289 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(60, 195, 82)` looks like.

```
.text, #text, p{  
    color:rgb(60, 195, 82)  
}
```

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(60, 195, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 195, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 74.710, 142.289 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(60, 195, 82) }
```

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

```
.border{ border-color:rgb(60, 195, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 195, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 195, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 195, 82);  
box-shadow:4px 4px 4px 4px rgb(60, 195,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 74.710, 142.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 195, 82) }
```

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

```
.background{ background-color: rgb(60, 195,  
82) }
```

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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