

Converting Colors

CIELCh(71, 74.438, 142.825)

Have a look what the booklet for
CIELCh(71, 74.438, 142.825)
contains.

CIELCh(71, 74.466, 142.754)	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(71, 74.466, 142.754)

Conversions

Conversions Part 1

Format	Color
Hex	3EC656
RGB	62, 198, 86
RGB Percent	24%, 78%, 34%
CMY	0.7558, 0.2227, 0.6620
CMYK	0.69, 0.00, 0.57, 0.22
HSL	131°, 54%, 51%
HSV	131°, 69%, 78%
XYZ	23.9300, 42.1875, 15.7244
YIQ	144.5680, -45.1040, -63.6640

Conversions

Conversions Part 2

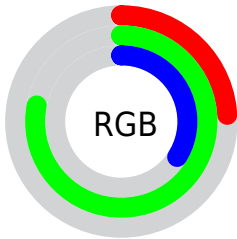
Format	Color
RYB	62, 178, 198
Decimal	4114006
CIELab	71.00, -59.28, 45.07
CIELCh	71, 74.466, 142.754
Yxy	42.1875, 0.2924, 0.5155
Android (android.graphics.Color)	4282304086 (0xFF3EC656)
YUV	144.5680, -28.8740, -72.4121
Hunter-Lab	64.9519, -47.9018, 31.1127

Details

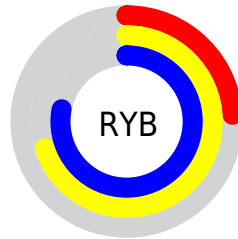
The CIELCh color **71, 74.466, 142.754** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **50, 72.459, 334.206**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 73.877, 142.894**, and **52, 71.091, 139.821** is the 20% darker color. If you saturate the color by 10%, you get **70, 82.456, 141.211**, and if you desaturate by 10%, it is **72, 65.249, 144.190**.

Distribution



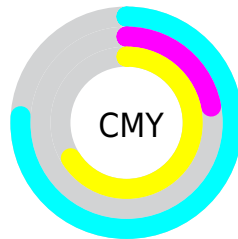
- Red (24%)
- Green (78%)
- Blue (34%)



- Red (24%)
- Yellow (70%)
- Blue (78%)



- Cyan (69%)
- Magenta (0%)
- Yellow (57%)
- Black (22%)





- Cyan (76%)
- Magenta (22%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 74.466, 142.754 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, 74.466, 142.754 by changing the saturation by 10% instead.


 71, 74.466,
142.754


 71, 74.466,
142.754


 100, 74.466,
142.754


 61, 74.466,
142.754


 91, 74.466,
142.754

 51, 74.466,
142.754

 41, 74.466,
142.754

 31, 74.466,
142.754

 21, 74.466,
142.754

 11, 74.466,
142.754

 1, 74.466, 142.754

0, 74.466, 142.754

71, 74.466,
142.754

71, 74.466,
142.754

70, 82.456,
141.211

72, 65.249,
144.190

70, 88.970,
139.636

73, 55.074,
145.479

70, 93.852,
138.177

74, 44.210,
146.613

70, 94.429,
138.008

75, 32.909,
147.597

77, 21.391,
148.447

78, 9.837, 149.191

■ 80, 1.614, 329.601

■ 82, 12.859,
330.305

■ 84, 23.828,
330.785

Harmonies

Complementary

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



71, 74.466, 142.754



50, 72.459, 334.206

Rectangle

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



71, 74.466, 142.754



71, 74.466, 192.754



71, 74.466, 322.754



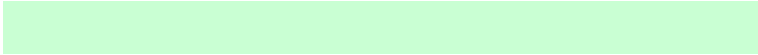
71, 74.466, 12.754

Sweetspot

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



71, 74.466, 142.754



95, 29.667, 148.228



76, 67.387, 112.314



50, 20.084, 147.993



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, 74.466, 142.754



88, 103.570, 140.479



72, 48.683, 165.431



41, 6.517, 149.135



58, 81.318, 138.229



11, 24.405, 146.798

Inverse Universe

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



50, 72.459, 334.206



60, 97.071, 335.316



48, 57.265, 4.771



39, 6.535, 330.245



37, 72.245, 336.636



4, 22.931, 333.860

Previews

White Background



This preview shows how the CIELCh color 71, 74.466, 142.754 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, 74.466, 142.754 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, 74.466, 142.754

Background



This preview shows how black text looks on a background with the CIELCh color 71, 74.466, 142.754.

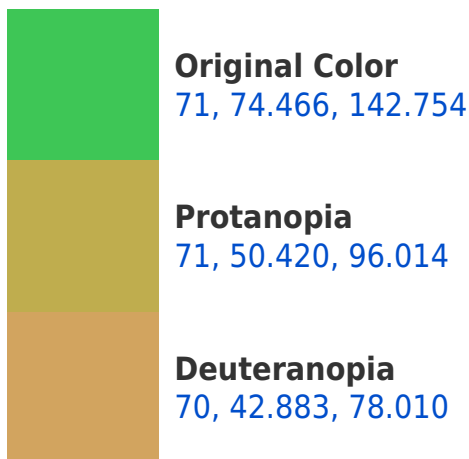


This preview shows how white text looks on a background with the CIELCh color 71, 74.466, 142.754.

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
71, 27.519, 214.998

Trichromacy



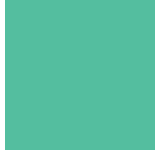
Original Color
71, 74.466, 142.754



Protanomaly
69, 54.836, 121.915



Deuteranomaly
69, 45.221, 116.497



Tritanomaly
70, 38.658, 170.345

Monochromacy



Original Color
71, 74.466, 142.754



Achromatopsia
60, 0.008, 296.813



Achromatomaly
63, 29.305, 147.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 74.466, 142.754 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(62, 198, 86)` looks like.

```
.text, #text, p{  
    color:rgb(62, 198, 86)  
}
```

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(62, 198, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 198, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 74.466, 142.754 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(62, 198, 86) }
```

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

```
.border{ border-color:rgb(62, 198, 86) }
```

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

Here you see how a box with a 4 pixel rgb(62, 198, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 198, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 198, 86);  
box-shadow:4px 4px 4px 4px rgb(62, 198,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 74.466, 142.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 198, 86) }
```

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

```
.background{ background-color: rgb(62, 198,  
86) }
```

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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