

Converting Colors

CIELCh(74, 58.283, 143.051)

Have a look what the booklet for
CIELCh(74, 58.283, 143.051)
contains.

CIELCh(74, 58.062, 143.136)	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, 58.062, 143.136)

Conversions

Conversions Part 1

Format	Color
Hex	6ACA73
RGB	106, 202, 115
RGB Percent	42%, 79%, 45%
CMY	0.5832, 0.2067, 0.5480
CMYK	0.47, 0.00, 0.43, 0.21
HSL	126°, 48%, 61%
HSV	126°, 47%, 79%
XYZ	30.2772, 46.7039, 23.7192
YIQ	163.3780, -29.2890, -47.4090

Conversions

Conversions Part 2

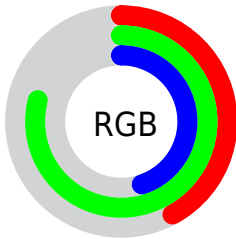
Format	Color
RYB	106, 194, 202
Decimal	6998643
CIELab	74.00, -46.45, 34.83
CIELCh	74, 58.062, 143.136
Yxy	46.7039, 0.3007, 0.4638
Android (android.graphics.Color)	4285188723 (0xFF6ACA73)
YUV	163.3780, -23.8504, -50.3205
Hunter-Lab	68.3403, -40.5135, 27.2601

Details

The CIELCh color **74, 58.062, 143.136** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **59, 57.794, 329.806**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 55.545, 143.438**, and **54, 58.073, 143.185** is the 20% darker color. If you saturate the color by 10%, you get **73, 69.028, 141.929**, and if you desaturate by 10%, it is **75, 46.318, 144.211**.

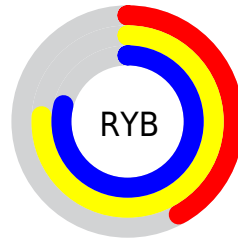
Distribution



Red (42%)

Green (79%)

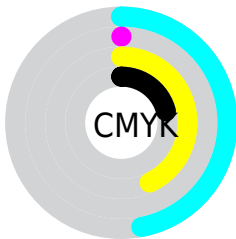
Blue (45%)



Red (42%)

Yellow (76%)

Blue (79%)

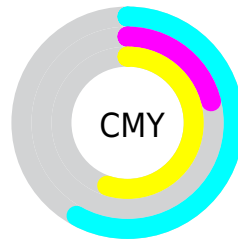


Cyan (47%)

Magenta (0%)

Yellow (43%)

Black (21%)



Cyan (58%)


Magenta (21%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 58.062, 143.136 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, 58.062, 143.136 by changing the saturation by 10% instead.


 74, 58.062,
143.136

 74, 58.062,
143.136


 100, 58.062,
143.136


 64, 58.062,
143.136


 94, 58.062,
143.136

 54, 58.062,
143.136

 44, 58.062,
143.136

 34, 58.062,
143.136

 24, 58.062,
143.136

 14, 58.062,
143.136

 4, 58.062, 143.136

0, 58.062, 143.136

74, 58.062,
143.136

74, 58.062,
143.136

73, 69.028,
141.929

75, 46.318,
144.211

72, 78.867,
140.620

77, 34.099,
145.148

72, 87.203,
139.275

78, 21.659,
145.956

71, 93.666,
138.003

80, 9.201, 146.661

71, 97.986,
136.953

82, 3.122, 327.127

84, 15.203,
327.700

71, 98.776,
136.771

86, 26.970,

328.137

■ 87, 33.054,
325.574

Harmonies

Complementary

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



74, 58.062, 143.136



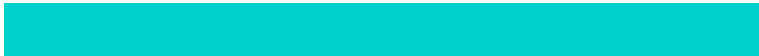
59, 57.794, 329.806

Rectangle

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



74, 58.062, 143.136



74, 58.062, 193.136



74, 58.062, 323.136



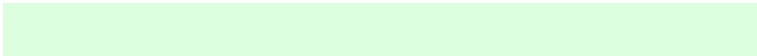
74, 58.062, 13.136

Sweetspot

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



74, 58.063, 143.136



97, 20.932, 146.196



79, 49.496, 109.553



51, 14.465, 146.037



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, 58.063, 143.136



90, 82.577, 141.889



75, 39.416, 163.341



42, 7.057, 146.530



59, 84.881, 136.919



12, 27.401, 144.497

Inverse Universe

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



59, 57.794, 329.806



69, 81.557, 330.367



57, 42.856, 353.951



40, 7.071, 327.590



38, 77.835, 332.307



5, 26.926, 330.766

Previews

White Background



This preview shows how the CIELCh color 74, 58.062, 143.136 looks on a white background.

Color Contrast Check

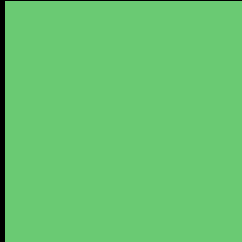
Large Text (above 18pt) WCAG AA × Fail

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, 58.062, 143.136 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, 58.062, 143.136

Background



This preview shows how black text looks on a background with the CIELCh color 74, 58.062, 143.136.

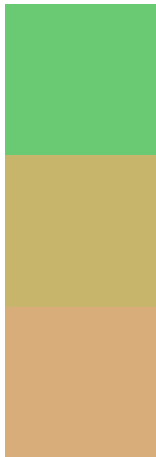


This preview shows how white text looks on a background with the CIELCh color 74, 58.062, 143.136.

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
74, 58.062, 143.136

Protanopia
74, 39.959, 95.819

Deuteranopia
73, 33.380, 74.199



Tritanopia
74, 22.207, 219.597

Trichromacy



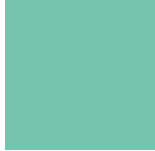
Original Color
74, 58.062, 143.136



Protanomaly
73, 42.752, 119.571



Deuteranomaly
73, 34.205, 112.400

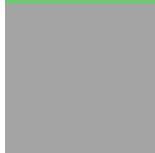


Tritanomaly
74, 29.128, 172.961

Monochromacy



Original Color
74, 58.062, 143.136



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 22.116, 145.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 58.062, 143.136 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(106, 202, 115)` looks like.

```
.text, #text, p{  
    color:rgb(106, 202, 115)  
}
```

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(106, 202, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 202, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 58.062, 143.136 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(106, 202, 115) }
```

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

```
.border{ border-color:rgb(106, 202, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 202, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 202, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 202, 115);  
box-shadow:4px 4px 4px 4px rgb(106, 202,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 58.062, 143.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 202, 115) }
```

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

```
.background{ background-color: rgb(106,  
202, 115) }
```

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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