

Converting Colors

CIELCh(74, 62.883, 147.504)

Have a look what the booklet for
CIELCh(74, 62.883, 147.504)
contains.

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Color

CIELCh(74, 62.952, 147.459)

Conversions

Conversions Part 1

Format	Color
Hex	53CD75
RGB	83, 205, 117
RGB Percent	33%, 80%, 46%
CMY	0.6751, 0.1966, 0.5417
CMYK	0.60, 0.00, 0.43, 0.20
HSL	137°, 55%, 56%
HSV	137°, 60%, 80%
XYZ	28.5513, 46.7039, 24.2976
YIQ	158.4900, -44.4640, -53.2320

Conversions

Conversions Part 2

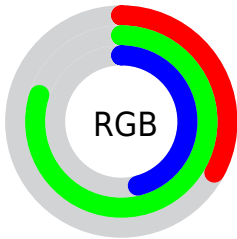
Format	Color
RYB	83, 178, 205
Decimal	5492085
CIELab	74.00, -53.07, 33.86
CIELCh	74, 62.952, 147.459
Yxy	46.7039, 0.2868, 0.4691
Android (android.graphics.Color)	4283682165 (0xFF53CD75)
YUV	158.4900, -20.4546, -66.2047
Hunter-Lab	68.3403, -45.0214, 26.7583

Details

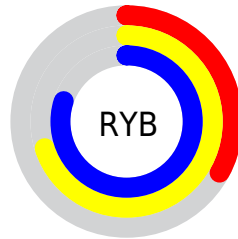
The CIELCh color **74, 62.952, 147.459** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **54, 62.693, 338.101**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 58.495, 148.123**, and **54, 62.660, 147.021** is the 20% darker color. If you saturate the color by 10%, you get **73, 71.718, 145.894**, and if you desaturate by 10%, it is **75, 53.331, 148.843**.

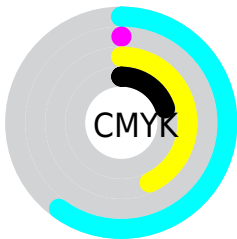
Distribution



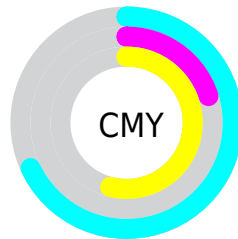
- Red (33%)
- Green (80%)
- Blue (46%)



- Red (33%)
- Yellow (70%)
- Blue (80%)



- Cyan (60%)
- Magenta (0%)
- Yellow (43%)
- Black (20%)





- Cyan (68%)
- Magenta (20%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 62.952, 147.459 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, 62.952, 147.459 by changing the saturation by 10% instead.


 74, 62.952,
147.459

 74, 62.952,
147.459


 100, 62.952,
147.459


 64, 62.952,
147.459


 94, 62.952,
147.459

 54, 62.952,
147.459

 44, 62.952,
147.459

 34, 62.952,
147.459

 24, 62.952,
147.459

 14, 62.952,
147.459

 4, 62.952, 147.459

0, 62.952, 147.459

74, 62.952,
147.459

74, 62.952,
147.459

73, 71.718,
145.894

75, 53.331,
148.843

73, 79.438,
144.161

76, 43.065,
150.052

72, 85.973,
142.304

77, 32.369,
151.102

72, 91.307,
140.454

79, 21.440,
152.015

72, 91.521,
140.381

81, 10.444,
152.820

82, 0.483, 332.775

■ 84, 11.240,
334.048

■ 87, 21.757,
334.596

■ 88, 29.308,
328.520

Harmonies

Complementary

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



74, 62.952, 147.459



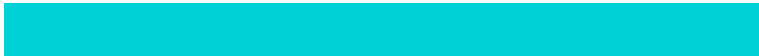
54, 62.693, 338.101

Rectangle

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



74, 62.952, 147.459



74, 62.952, 197.459



74, 62.952, 327.459



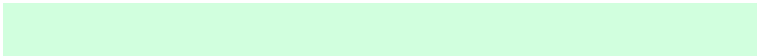
74, 62.952, 17.459

Sweetspot

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



74, 62.953, 147.459



96, 23.558, 152.127



78, 62.704, 117.180



51, 16.376, 151.876



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, 62.953, 147.459



89, 86.837, 145.502



75, 41.029, 174.323



42, 6.174, 152.833



59, 77.630, 140.690



12, 24.916, 148.115

Inverse Universe

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



54, 62.693, 338.101



62, 84.463, 339.406



52, 51.607, 9.995



40, 6.202, 334.040



37, 67.892, 343.197



5, 23.119, 339.532

Previews

White Background



This preview shows how the CIELCh color 74, 62.952, 147.459 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, 62.952, 147.459 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, 62.952, 147.459

Background



This preview shows how black text looks on a background with the CIELCh color 74, 62.952, 147.459.

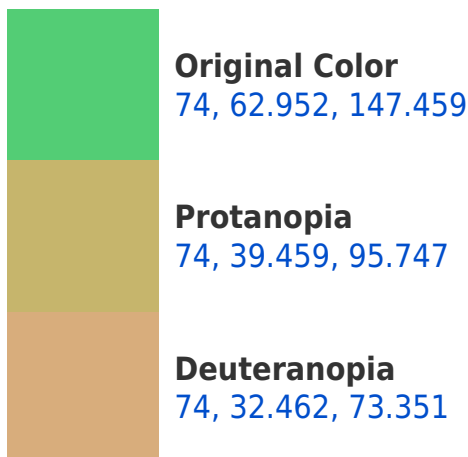


This preview shows how white text looks on a background with the CIELCh color 74, 62.952, 147.459.

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





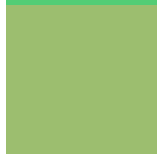
Tritanopia
74, 26.797, 216.682

Trichromacy



Original Color

74, 62.952, 147.459



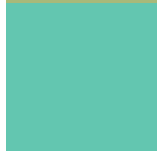
Protanomaly

73, 43.905, 124.578



Deuteranomaly

72, 34.770, 118.404



Tritanomaly

74, 34.481, 176.478

Monochromacy



Original Color

74, 62.952, 147.459



Achromatopsia

65, 0.008, 296.813



Achromatomaly

68, 24.355, 151.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 62.952, 147.459 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(83, 205, 117)` looks like.

```
.text, #text, p{  
    color:rgb(83, 205, 117)  
}
```

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(83, 205, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 205, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 62.952, 147.459 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(83, 205, 117) }
```

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

```
.border{ border-color:rgb(83, 205, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 205, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 205, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 205, 117);  
box-shadow:4px 4px 4px 4px rgb(83, 205,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 62.952, 147.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 205, 117) }
```

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

```
.background{ background-color: rgb(83, 205,  
117) }
```

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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