

Converting Colors

CIELCh(76, 60.370, 143.452)

Have a look what the booklet for
CIELCh(76, 60.370, 143.452)
contains.

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Color

CIELCh(76, 60.582, 143.377)

Conversions

Conversions Part 1

Format	Color
Hex	6BD176
RGB	107, 209, 118
RGB Percent	42%, 82%, 46%
CMY	0.5814, 0.1814, 0.5382
CMYK	0.49, 0.00, 0.44, 0.18
HSL	126°, 52%, 62%
HSV	126°, 49%, 82%
XYZ	32.0261, 49.8872, 25.0076
YIQ	168.1280, -31.5810, -49.9250

Conversions

Conversions Part 2

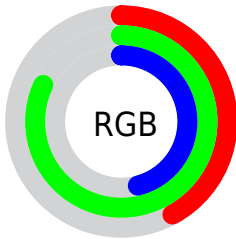
Format	Color
RYB	107, 199, 209
Decimal	7065974
CIELab	76.00, -48.62, 36.14
CIElCh	76, 60.582, 143.377
Yxy	49.8872, 0.2995, 0.4666
Android (android.graphics.Color)	4285256054 (0xFF6BD176)
YUV	168.1280, -24.7131, -53.6093
Hunter-Lab	70.6309, -42.6670, 28.4494

Details

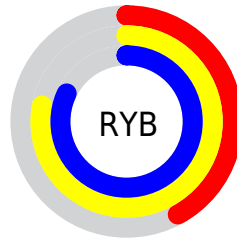
The CIELCh color **76, 60.582, 143.377** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **60, 60.264, 330.382**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 53.917, 143.864**, and **56, 60.620, 143.426** is the 20% darker color. If you saturate the color by 10%, you get **75, 71.594, 142.135**, and if you desaturate by 10%, it is **77, 48.744, 144.483**.

Distribution



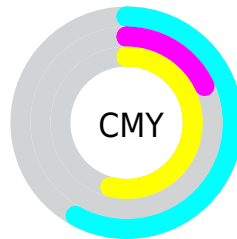
- Red (42%)
- Green (82%)
- Blue (46%)



- Red (42%)
- Yellow (78%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (44%)
- Black (18%)





- Cyan (58%)
- Magenta (18%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 60.582, 143.377 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 76, 60.582, 143.377 by changing the saturation by 10% instead.


 76, 60.582,
143.377


 76, 60.582,
143.377


 100, 60.582,
143.377


 66, 60.582,
143.377


 96, 60.582,
143.377

 56, 60.582,
143.377

 46, 60.582,
143.377

 36, 60.582,
143.377

 26, 60.582,
143.377

 16, 60.582,
143.377

 6, 60.582, 143.377

0, 60.582, 143.377

76, 60.582,
143.377

76, 60.582,
143.377

75, 71.594,
142.135

77, 48.744,
144.483

74, 81.431,
140.788

79, 36.386,
145.448

74, 89.725,
139.402

80, 23.774,
146.280

73, 96.121,
138.085

82, 11.117,
147.003

73, 100.398,
137.005

84, 1.423, 327.376

73, 100.767,
136.919

86, 13.731,
328.079

■ 89, 25.729,
328.533

■ 89, 28.997,
325.434

Harmonies

Complementary

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



76, 60.582, 143.377



60, 60.264, 330.382

Rectangle

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



76, 60.582, 143.377



76, 60.582, 193.377



76, 60.582, 323.377



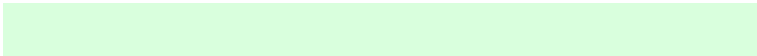
76, 60.582, 13.377

Sweetspot

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



76, 60.583, 143.377



97, 22.209, 146.558



81, 52.209, 110.211



51, 15.164, 146.399



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 60.583, 143.377



90, 84.249, 142.029



77, 40.904, 164.130



43, 7.128, 146.966



60, 85.493, 137.088



13, 28.918, 143.870

Inverse Universe

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



60, 60.264, 330.382



68, 83.026, 330.992



58, 44.900, 355.335



41, 7.143, 328.038



39, 77.826, 333.025



5, 28.638, 331.657

Previews

White Background



This preview shows how the CIELCh color 76, 60.582, 143.377 looks on a white background.

Color Contrast Check

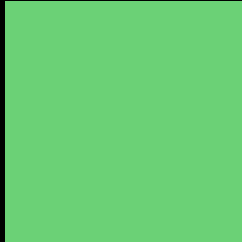
Large Text (above 18pt) WCAG AA × Fail

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 76, 60.582, 143.377 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 76, 60.582, 143.377

Background



This preview shows how black text looks on a background with the CIELCh color 76, 60.582, 143.377.

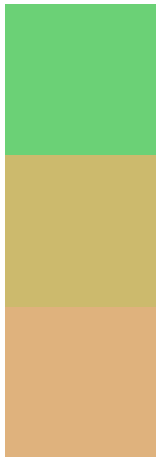


This preview shows how white text looks on a background with the CIELCh color 76, 60.582, 143.377.

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](#).

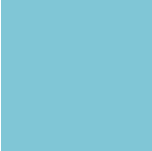
Dichromacy



Original Color
76, 60.582, 143.377

Protanopia
75, 41.372, 95.563

Deuteranopia
75, 34.597, 73.961



Tritanopia
76, 23.302, 219.817

Trichromacy



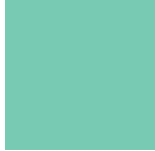
Original Color
76, 60.582, 143.377



Protanomaly
75, 44.144, 119.587



Deuteranomaly
75, 35.591, 112.099



Tritanomaly
76, 30.618, 173.172

Monochromacy



Original Color
76, 60.582, 143.377



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 22.899, 146.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 60.582, 143.377 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(107, 209, 118)` looks like.

```
.text, #text, p{  
    color:rgb(107, 209, 118)  
}
```

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(107, 209, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 209, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 60.582, 143.377 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(107, 209, 118) }
```

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

```
.border{ border-color:rgb(107, 209, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 209, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 209, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 209, 118);  
box-shadow:4px 4px 4px 4px rgb(107, 209,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 60.582, 143.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 209, 118) }
```

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

```
.background{ background-color: rgb(107,  
209, 118) }
```

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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