

Converting Colors

CIELCh(78, 67.810, 140.006)

Have a look what the booklet for
CIELCh(78, 67.810, 140.006)
contains.

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Color

CIELCh(78, 67.433, 140.006)

Conversions

Conversions Part 1

Format	Color
Hex	6ED76C
RGB	110, 215, 108
RGB Percent	43%, 84%, 42%
CMY	0.5672, 0.1554, 0.5752
CMYK	0.49, 0.00, 0.50, 0.16
HSL	119°, 57%, 63%
HSV	119°, 50%, 84%
XYZ	33.5922, 53.2120, 22.7795
YIQ	171.4070, -28.2330, -55.5370

Conversions

Conversions Part 2

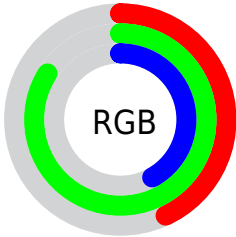
Format	Color
RYB	108, 215, 213
Decimal	7264108
CIELab	78.00, -51.66, 43.34
CIElCh	78, 67.433, 140.006
Yxy	53.2120, 0.3065, 0.4856
Android (android.graphics.Color)	4285454188 (0xFF6ED76C)
YUV	171.4070, -31.2597, -53.8539
Hunter-Lab	72.9466, -45.4566, 32.5477

Details

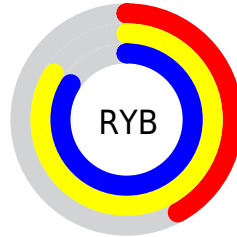
The CIELCh color **78, 67.433, 140.006** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **62, 67.195, 326.456**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 57.284, 139.966**, and **58, 67.214, 140.025** is the 20% darker color. If you saturate the color by 10%, you get **77, 79.173, 138.930**, and if you desaturate by 10%, it is **79, 54.604, 141.017**.

Distribution



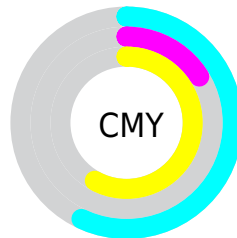
- Red (43%)
- Green (84%)
- Blue (42%)



- Red (42%)
- Yellow (84%)
- Blue (84%)



- Cyan (49%)
- Magenta (0%)
- Yellow (50%)
- Black (16%)




- Cyan (57%)
- Magenta (16%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 67.433, 140.006 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 78, 67.433, 140.006 by changing the saturation by 10% instead.

 78, 67.433,
140.006

 78, 67.433,
140.006

 100, 67.433,
140.006

 68, 67.433,
140.006


 98, 67.433,
140.006

 58, 67.433,
140.006

 48, 67.433,
140.006

 38, 67.433,
140.006

 28, 67.433,
140.006

 18, 67.433,
140.006

 8, 67.433, 140.006

0, 67.433, 140.006

78, 67.433,
140.006

78, 67.433,
140.006

77, 79.173,
138.930

79, 54.604,
141.017

76, 89.310,
137.866

81, 41.105,
141.922

76, 97.277,
136.941

82, 27.274,
142.713

75, 102.576,
136.298

84, 13.368,
143.398

75, 105.277,
135.961

86, 0.422, 323.316

75, 105.344,
135.951

88, 13.962,
324.418

90, 24.831,
325.289

Harmonies

Complementary

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



78, 67.433, 140.006



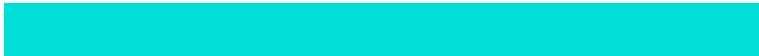
62, 67.195, 326.456

Rectangle

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



78, 67.433, 140.006



78, 67.433, 190.006



78, 67.433, 320.006



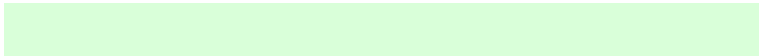
78, 67.433, 10.006

Sweetspot

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



78, 67.434, 140.006



97, 23.784, 143.037



83, 52.656, 103.918



51, 16.240, 142.888



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 67.434, 140.006



90, 91.032, 138.834



79, 47.762, 156.743



44, 7.787, 143.416



61, 88.619, 135.929



14, 31.977, 140.737

Inverse Universe

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



62, 67.195, 326.456



68, 90.209, 326.875



60, 49.874, 346.971



42, 7.801, 324.419



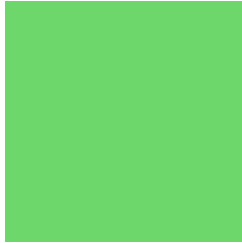
40, 85.676, 327.486



6, 32.841, 327.377

Previews

White Background



This preview shows how the CIELCh color 78, 67.433, 140.006 looks on a white background.

Color Contrast Check

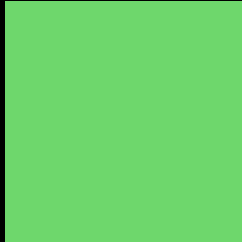
Large Text (above 18pt) WCAG AA × Fail

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 78, 67.433, 140.006 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 78, 67.433, 140.006

Background



This preview shows how black text looks on a background with the CIELCh color 78, 67.433, 140.006.

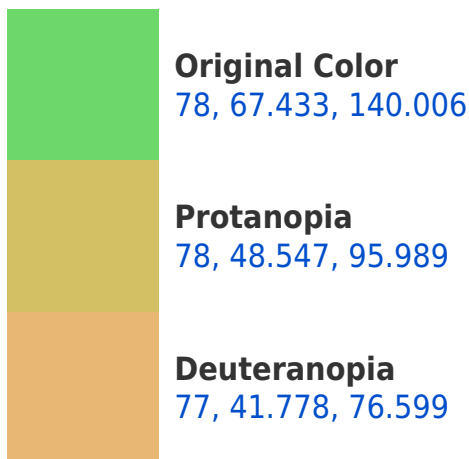


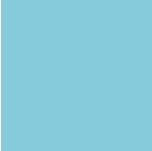
This preview shows how white text looks on a background with the CIELCh color 78, 67.433, 140.006.

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
78, 23.045, 220.000

Trichromacy



Original Color
78, 67.433, 140.006



Protanomaly
77, 51.158, 117.720



Deuteranomaly
77, 42.899, 110.067

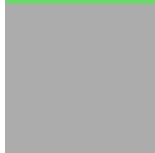


Tritanomaly
77, 32.023, 169.057

Monochromacy



Original Color
78, 67.433, 140.006



Achromatopsia
70, 0.009, 296.813



Achromatomaly
73, 25.667, 142.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 67.433, 140.006 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(110, 215, 108)` looks like.

```
.text, #text, p{  
    color:rgb(110, 215, 108)  
}
```

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(110, 215, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 215, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 67.433, 140.006 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(110, 215, 108) }
```

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

```
.border{ border-color:rgb(110, 215, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 215, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 215, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 215, 108);  
box-shadow:4px 4px 4px 4px rgb(110, 215,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 67.433, 140.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 215, 108) }
```

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

```
.background{ background-color: rgb(110,  
215, 108) }
```

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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