

Converting Colors

CIELCh(78, 70.983, 131.319)

Have a look what the booklet for
CIELCh(78, 70.983, 131.319)
contains.

CIELCh(78, 71.071, 131.334)	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(78, 71.071, 131.334)

Conversions

Conversions Part 1

Format	Color
Hex	83D557
RGB	131, 213, 87
RGB Percent	51%, 84%, 34%
CMY	0.4856, 0.1640, 0.6581
CMYK	0.38, 0.00, 0.59, 0.16
HSL	99°, 60%, 59%
HSV	99°, 59%, 84%
XYZ	34.9565, 53.2120, 17.4825
YIQ	174.1180, -8.4260, -56.5700

Conversions

Conversions Part 2

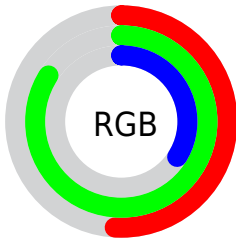
Format	Color
RYB	87, 213, 169
Decimal	8639831
CIELab	78.00, -46.94, 53.37
CIELCh	78, 71.071, 131.334
Yxy	53.2120, 0.3309, 0.5037
Android (android.graphics.Color)	4286829911 (0xFF83D557)
YUV	174.1180, -42.9492, -37.8145
Hunter-Lab	72.9466, -42.1180, 36.8531

Details

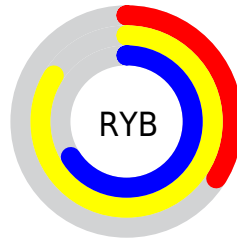
The CIELCh color **78, 71.071, 131.334** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **52, 74.858, 316.571**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 62.291, 129.966**, and **58, 71.204, 131.436** is the 20% darker color. If you saturate the color by 10%, you get **77, 81.019, 131.048**, and if you desaturate by 10%, it is **79, 60.009, 131.777**.

Distribution



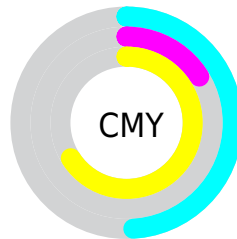
- Red (51%)
- Green (84%)
- Blue (34%)



- Red (34%)
- Yellow (84%)
- Blue (66%)



- Cyan (38%)
- Magenta (0%)
- Yellow (59%)
- Black (16%)





- Cyan (49%)
- Magenta (16%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 71.071, 131.334 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, 71.071, 131.334 by changing the saturation by 10% instead.


 78, 71.071,
131.334


 78, 71.071,
131.334


 100, 71.071,
131.334


 68, 71.071,
131.334


 98, 71.071,
131.334

 58, 71.071,
131.334

 48, 71.071,
131.334

 38, 71.071,
131.334

 28, 71.071,
131.334

 18, 71.071,
131.334

 8, 71.071, 131.334

0, 71.071, 131.334

78, 71.071,
131.334

78, 71.071,
131.334

77, 81.019,
131.048

79, 60.009,
131.777

77, 89.337,
131.038

80, 48.238,
132.288

76, 95.515,
131.432

81, 36.057,
132.811

76, 99.462,
132.230

82, 23.680,
133.314

76, 99.769,
132.298

84, 11.256,
133.786

85, 1.108, 314.033

■ 87, 13.334,
314.551

■ 89, 24.085,
316.210

■ 90, 26.200,
325.337

Harmonies

Complementary

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



78, 71.071, 131.334



52, 74.858, 316.571

Rectangle

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



78, 71.071, 131.334



78, 71.071, 181.334



78, 71.071, 311.334



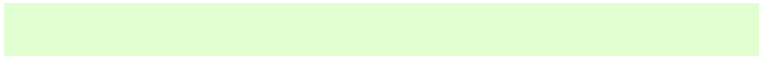
78, 71.071, 1.334

Sweetspot

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



78, 71.072, 131.335



97, 25.792, 133.359



72, 48.209, 81.755



51, 17.928, 133.215



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, 71.072, 131.335



90, 95.440, 131.014



77, 71.014, 143.296



44, 7.042, 133.772



62, 84.383, 132.084



15, 29.119, 133.695

Inverse Universe

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



52, 74.858, 316.571



55, 101.212, 316.776



57, 70.054, 332.528



42, 7.108, 314.531



30, 89.510, 315.916



4, 30.209, 314.700

Previews

White Background



This preview shows how the CIELCh color 78, 71.071, 131.334 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, 71.071, 131.334 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, 71.071, 131.334

Background



This preview shows how black text looks on a background with the CIELCh color 78, 71.071, 131.334.



This preview shows how white text looks on a background with the CIELCh color 78, 71.071, 131.334.

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



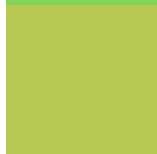


Tritanopia
78, 17.687, 227.592

Trichromacy



Original Color
78, 71.071, 131.334



Protanomaly
77, 59.468, 111.724



Deuteranomaly
77, 51.991, 103.407



Tritanomaly
78, 29.456, 156.504

Monochromacy



Original Color
78, 71.071, 131.334



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 27.392, 133.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 71.071, 131.334 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(131, 213, 87)` looks like.

```
.text, #text, p{  
    color:rgb(131, 213, 87)  
}
```

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(131, 213, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 213, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 71.071, 131.334 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(131, 213, 87) }
```

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

```
.border{ border-color:rgb(131, 213, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 213, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 213, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 213, 87);  
box-shadow:4px 4px 4px 4px rgb(131, 213,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 71.071, 131.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 213, 87) }
```

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

```
.background{ background-color: rgb(131,  
213, 87) }
```

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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