

Converting Colors

CIELCh(78, 68.739, 131.886)

Have a look what the booklet for
CIELCh(78, 68.739, 131.886)
contains.

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Color

CIELCh(78, 68.939, 131.974)

Conversions

Conversions Part 1

Format	Color
Hex	84D55C
RGB	132, 213, 92
RGB Percent	52%, 84%, 36%
CMY	0.4827, 0.1650, 0.6395
CMYK	0.38, 0.00, 0.57, 0.17
HSL	100°, 59%, 60%
HSV	100°, 57%, 83%
XYZ	35.2008, 53.2120, 18.5217
YIQ	174.9870, -9.4350, -54.8030

Conversions

Conversions Part 2

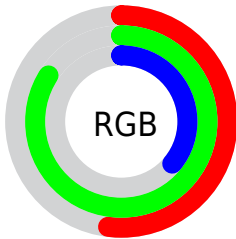
Format	Color
RYB	92, 213, 173
Decimal	8705372
CIELab	78.00, -46.11, 51.25
CIELCh	78, 68.939, 131.974
Yxy	53.2120, 0.3292, 0.4976
Android (android.graphics.Color)	4286895452 (0xFF84D55C)
YUV	174.9870, -40.9126, -37.6996
Hunter-Lab	72.9466, -41.5201, 36.0084

Details

The CIELCh color **78, 68.939, 131.974** 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 **53, 72.196, 317.083**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 59.978, 130.641**, and **58, 69.163, 131.857** is the 20% darker color. If you saturate the color by 10%, you get **77, 79.222, 131.617**, and if you desaturate by 10%, it is **79, 57.635, 132.460**.

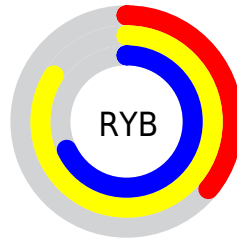
Distribution



Red (52%)

Green (84%)

Blue (36%)



Red (36%)

Yellow (84%)

Blue (68%)

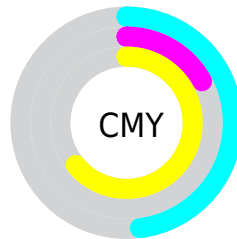


Cyan (38%)

Magenta (0%)

Yellow (57%)

Black (17%)



Cyan (48%)


Magenta (17%)


Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 68.939, 131.974 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, 68.939, 131.974 by changing the saturation by 10% instead.


 78, 68.939,
131.974

 78, 68.939,
131.974


 100, 68.939,
131.974


 68, 68.939,
131.974


 98, 68.939,
131.974

 58, 68.939,
131.974

 48, 68.939,
131.974

 38, 68.939,
131.974

 28, 68.939,
131.974

 18, 68.939,
131.974

 8, 68.939, 131.974

0, 68.939, 131.974

78, 68.939,
131.974

78, 68.939,
131.974

77, 79.222,
131.617

79, 57.635,
132.460

76, 87.985,
131.500

80, 45.693,
132.992

76, 94.698,
131.753

81, 33.393,
133.522

75, 99.047,
132.450

83, 20.935,
134.026

75, 100.136,
132.687

84, 8.462, 134.496

86, 3.925, 314.840

87, 16.155,

315.237

■ 89, 24.815,
319.078

■ 90, 26.373,
325.343

Harmonies

Complementary

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



78, 68.939, 131.974



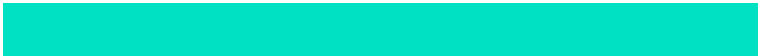
53, 72.196, 317.083

Rectangle

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



78, 68.939, 131.974



78, 68.939, 181.974



78, 68.939, 311.974



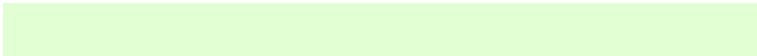
78, 68.939, 1.974

Sweetspot

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



78, 68.940, 131.975



97, 24.485, 134.009



73, 46.749, 83.503



51, 16.383, 133.909



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, 68.940, 131.975



91, 92.805, 131.573



77, 67.739, 144.106



44, 7.078, 134.376



62, 84.780, 132.481



15, 29.285, 134.188

Inverse Universe

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



53, 72.196, 317.083



57, 97.755, 317.317



58, 67.039, 333.025



42, 7.141, 315.136



31, 89.184, 316.476



4, 30.376, 315.478

Previews

White Background



This preview shows how the CIELCh color 78, 68.939, 131.974 looks on a white background.

Color Contrast Check

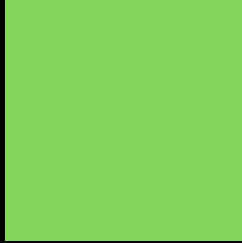
Large Text (above 18pt) WCAG AA × Fail

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, 68.939, 131.974 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, 68.939, 131.974

Background



This preview shows how black text looks on a background with the CIELCh color 78, 68.939, 131.974.

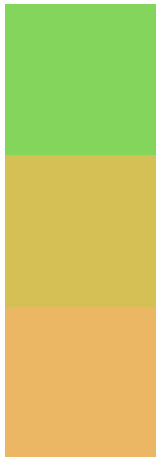


This preview shows how white text looks on a background with the CIELCh color 78, 68.939, 131.974.

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
78, 68.939, 131.974

Protanopia
78, 55.623, 95.553

Deuteranopia
78, 49.759, 78.885



Tritanopia
78, 17.687, 227.592

Trichromacy



Original Color
78, 68.939, 131.974

Protanomaly
77, 57.237, 111.746

Deuteranomaly
77, 50.120, 103.518

Tritanomaly
78, 28.452, 157.644

Monochromacy



Original Color
78, 68.939, 131.974

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 26.403, 134.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 68.939, 131.974 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(132, 213, 92)` looks like.

```
.text, #text, p{  
    color:rgb(132, 213, 92)  
}
```

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(132, 213, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 213, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 68.939, 131.974 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(132, 213, 92) }
```

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

```
.border{ border-color:rgb(132, 213, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 213, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 213, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 213, 92);  
box-shadow:4px 4px 4px 4px rgb(132, 213,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 68.939, 131.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 213, 92) }
```

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

```
.background{ background-color: rgb(132,  
213, 92) }
```

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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