

Converting Colors

CIELCh(82, 78.374, 133.190)

Have a look what the booklet for
CIELCh(82, 78.374, 133.190)
contains.

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Color

CIELCh(82, 78.283, 133.308)

Conversions

Conversions Part 1

Format	Color
Hex	7FE359
RGB	127, 227, 89
RGB Percent	50%, 89%, 35%
CMY	0.5012, 0.1090, 0.6502
CMYK	0.44, 0.00, 0.61, 0.11
HSL	103°, 71%, 62%
HSV	103°, 61%, 89%
XYZ	38.1163, 60.2982, 19.1220
YIQ	181.3680, -15.3020, -64.1180

Conversions

Conversions Part 2

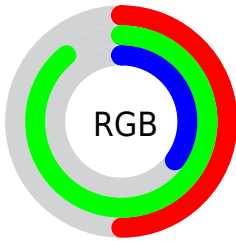
Format	Color
RYB	89, 227, 189
Decimal	8381273
CIELab	82.00, -53.70, 56.96
CIELCh	82, 78.283, 133.308
Yxy	60.2982, 0.3243, 0.5130
Android (android.graphics.Color)	4286571353 (0xFF7FE359)
YUV	181.3680, -45.5374, -47.6807
Hunter-Lab	77.6519, -48.2721, 39.7560

Details

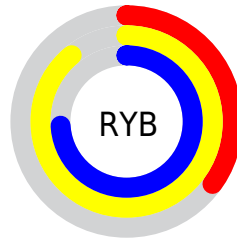
The CIELCh color **82, 78.283, 133.308** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **56, 81.118, 318.884**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 61.912, 131.208**, and **62, 78.396, 133.344** is the 20% darker color. If you saturate the color by 10%, you get **81, 88.635, 132.937**, and if you desaturate by 10%, it is **83, 66.595, 133.832**.

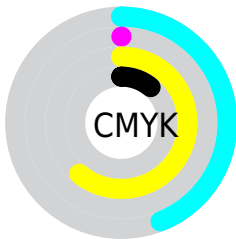
Distribution



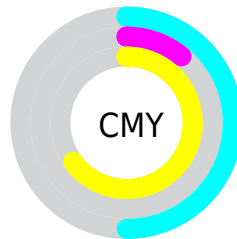
- Red (50%)
- Green (89%)
- Blue (35%)



- Red (35%)
- Yellow (89%)
- Blue (74%)



- Cyan (44%)
- Magenta (0%)
- Yellow (61%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 78.283, 133.308 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 82, 78.283, 133.308 by changing the saturation by 10% instead.


 82, 78.283,
133.308


 82, 78.283,
133.308


 100, 78.283,
133.308

 72, 78.283,
133.308

 62, 78.283,
133.308

 52, 78.283,
133.308

 42, 78.283,
133.308

 32, 78.283,
133.308

 22, 78.283,
133.308

 12, 78.283,

133.308

■ 2, 78.283, 133.308

■ 0, 78.283, 133.308

■ 82, 78.283,
133.308

■ 82, 78.283,
133.308

■ 81, 88.635,
132.937

■ 83, 66.595,
133.832

■ 81, 97.076,
132.842

■ 84, 54.042,
134.414

■ 80, 103.080,
133.146

■ 85, 40.981,
134.995


■ 80, 106.517,
133.738


■ 87, 27.667,
135.544

■ 88, 14.288,

136.048

 90, 0.975, 136.688

 92, 12.176,
316.848

 93, 17.378,
325.027

Harmonies

Complementary

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



82, 78.283, 133.308



56, 81.118, 318.884

Rectangle

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



82, 78.283, 133.308



82, 78.283, 183.308



82, 78.283, 313.308



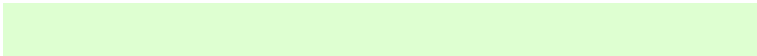
82, 78.283, 3.308

Sweetspot

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



82, 78.284, 133.309



97, 26.351, 135.681



78, 54.283, 86.941



51, 18.320, 135.528



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 78.284, 133.309



90, 99.456, 132.878



81, 72.956, 145.102



47, 7.610, 136.110



64, 88.725, 133.550



18, 34.454, 133.900

Inverse Universe

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



56, 81.118, 318.884



56, 103.148, 319.011



60, 72.027, 335.400



45, 7.667, 316.891



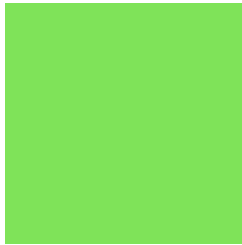
34, 91.209, 318.175



6, 36.847, 318.978

Previews

White Background



This preview shows how the CIELCh color 82, 78.283, 133.308 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 82, 78.283, 133.308 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 82, 78.283, 133.308

Background



This preview shows how black text looks on a background with the CIELCh color 82, 78.283, 133.308.



This preview shows how white text looks on a background with the CIELCh color 82, 78.283, 133.308.

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
82, 21.131, 223.638

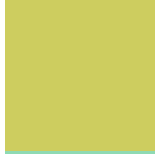
Trichromacy



Original Color
82, 78.283, 133.308



Protanomaly
81, 63.808, 112.944



Deuteranomaly
80, 55.807, 105.144

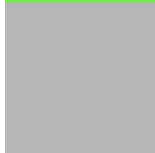


Tritanomaly
81, 33.738, 159.339

Monochromacy



Original Color
82, 78.283, 133.308



Achromatopsia
74, 0.009, 296.813



Achromatomaly
76, 30.083, 135.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 78.283, 133.308 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(127, 227, 89)` looks like.

```
.text, #text, p{  
    color:rgb(127, 227, 89)  
}
```

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(127, 227, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 227, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 78.283, 133.308 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(127, 227, 89) }
```

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

```
.border{ border-color:rgb(127, 227, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 227, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 227, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 227, 89);  
box-shadow:4px 4px 4px 4px rgb(127, 227,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 78.283, 133.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 227, 89) }
```

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

```
.background{ background-color: rgb(127,  
227, 89) }
```

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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