

Converting Colors

CIELCh(82, 111.696, 135.427)

Have a look what the booklet for
CIELCh(82, 111.696, 135.427)
contains.

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Color

CIELCh(82, 111.705, 135.411)

Conversions

Conversions Part 1

Format	Color
Hex	22EC03
RGB	34, 236, 3
RGB Percent	13%, 93%, 1%
CMY	0.8673, 0.0747, 0.9889
CMYK	0.86, 0.00, 0.99, 0.07
HSL	112°, 98%, 47%
HSV	112°, 99%, 93%
XYZ	30.6469, 60.2982, 10.1039
YIQ	149.0400, -45.5990, -115.2870

Conversions

Conversions Part 2

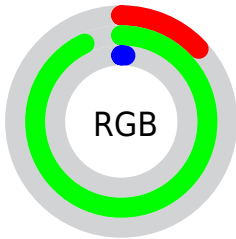
Format	Color
RYB	3, 236, 205
Decimal	2288643
CIELab	82.00, -79.55, 78.42
CIELCh	82, 111.705, 135.411
Yxy	60.2982, 0.3033, 0.5967
Android (android.graphics.Color)	4280478723 (0xFF22EC03)
YUV	149.0400, -71.9977, -100.8901
Hunter-Lab	77.6519, -65.4423, 46.6416

Details

The CIELCh color **82, 111.705, 135.411** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **51, 109.846, 323.088**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 92.976, 134.923**, and **63, 91.460, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **82, 112.024, 135.421**, and if you desaturate by 10%, it is **82, 108.174, 135.287**.

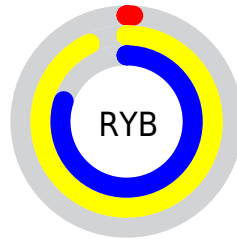
Distribution



Red (13%)

Green (93%)

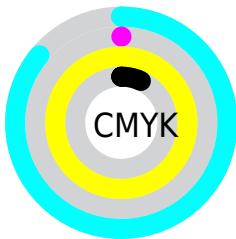
Blue (1%)



Red (1%)

Yellow (93%)

Blue (80%)

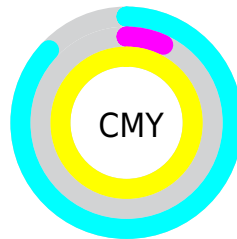


Cyan (86%)

Magenta (0%)

Yellow (99%)

Black (7%)



Cyan (87%)


Magenta (7%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 111.705, 135.411 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, 111.705, 135.411 by changing the saturation by 10% instead.


 82, 111.705,
135.411


 82, 111.705,
135.411


 100, 111.705,
135.411


 72, 111.705,
135.411


 62, 111.705,
135.411

 52, 111.705,
135.411

 42, 111.705,
135.411

 32, 111.705,
135.411

 22, 111.705,
135.411

 12, 111.705,

135.411

■ 2, 111.705,
135.411

■ 0, 111.705,
135.411

■ 82, 111.705,
135.411

■ 82, 111.705,
135.411

■ 82, 112.024,
135.421

■ 82, 108.174,
135.287

■ 83, 101.818,
135.512

■ 83, 92.790,
136.058

■ 84, 81.674,
136.793

■ 85, 69.080,
137.597

■ 87, 55.520,
138.388

■ 88, 41.396,
139.121

■ 90, 27.009,
139.778

■ 92, 12.584,
140.360

Harmonies

Complementary

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



82, 111.705, 135.411



51, 109.846, 323.088

Rectangle

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



82, 111.705, 135.411



82, 111.705, 185.411



82, 111.705, 315.411



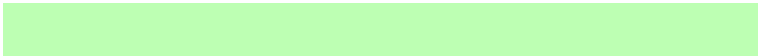
82, 111.705, 5.411

Sweetspot

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



82, 111.704, 135.412



94, 45.913, 139.028



83, 83.146, 93.379



49, 31.277, 138.722



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, 111.704, 135.412



88, 118.850, 135.447



82, 95.143, 143.265



48, 8.091, 140.323



64, 91.728, 135.307



19, 37.107, 136.087

Inverse Universe

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



51, 109.846, 323.088



55, 116.782, 323.026



52, 83.464, 350.237



46, 8.123, 321.204



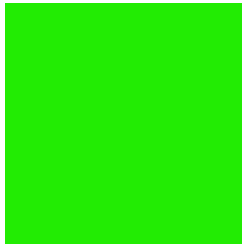
39, 90.274, 323.130



8, 38.560, 323.846

Previews

White Background



This preview shows how the CIELCh color 82, 111.705, 135.411 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, 111.705, 135.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

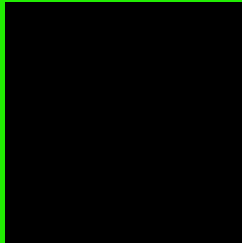
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 111.705, 135.411

Background



This preview shows how black text looks on a background with the CIELCh color 82, 111.705, 135.411.

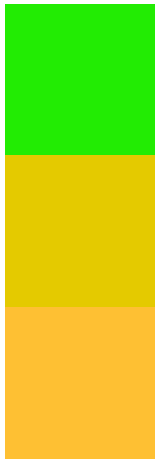


This preview shows how white text looks on a background with the CIELCh color 82, 111.705, 135.411.

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


82, 111.705, 135.411

Protanopia

81, 82.179, 94.809

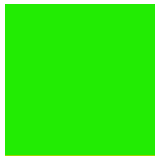
Deuteranopia

81, 74.364, 82.040



Tritanopia
82, 33.509, 214.069

Trichromacy



Original Color
82, 111.705, 135.411



Protanomaly
79, 88.641, 118.364



Deuteranomaly
79, 80.229, 113.608



Tritanomaly
81, 60.661, 156.134

Monochromacy



Original Color
82, 111.705, 135.411



Achromatopsia
62, 0.008, 296.813



Achromatomaly
67, 53.841, 137.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 111.705, 135.411 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(34, 236, 3)` looks like.

```
.text, #text, p{  
    color:rgb(34, 236, 3)  
}
```

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(34, 236, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 236, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 111.705, 135.411 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(34, 236, 3) }
```

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

```
.border{ border-color:rgb(34, 236, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 236, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 236, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 236, 3);  
box-shadow:4px 4px 4px 4px rgb(34, 236, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 82, 111.705, 135.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 236, 3) }
```

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

```
.background{ background-color: rgb(34, 236,  
3) }
```

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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