

Converting Colors

CIELCh(85, 100.415, 140.519)

Have a look what the booklet for
CIELCh(85, 100.415, 140.519)
contains.

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Color

CIELCh(85, 100.183, 140.572)

Conversions

Conversions Part 1

Format	Color
Hex	2BF44F
RGB	43, 244, 79
RGB Percent	17%, 96%, 31%
CMY	0.8321, 0.0416, 0.6888
CMYK	0.82, 0.00, 0.68, 0.04
HSL	131°, 90%, 56%
HSV	131°, 82%, 96%
XYZ	34.8768, 66.0070, 18.3690
YIQ	165.0910, -66.8310, -93.9270

Conversions

Conversions Part 2

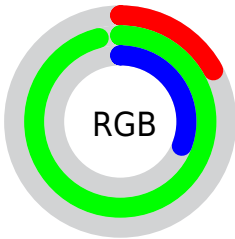
Format	Color
RYB	43, 213, 244
Decimal	2880591
CIELab	85.00, -77.38, 63.63
CIELCh	85, 100.183, 140.572
Yxy	66.0070, 0.2925, 0.5535
Android (android.graphics.Color)	4281070671 (0xFF2BF44F)
YUV	165.0910, -42.4429, -107.0738
Hunter-Lab	81.2447, -65.5517, 43.4661

Details

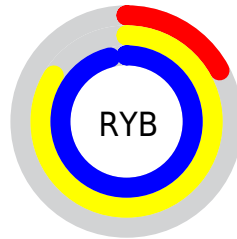
The CIELCh color **85, 100.183, 140.572** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **58, 93.769, 335.601**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 75.441, 142.035**, and **66, 93.803, 136.318** is the 20% darker color. If you saturate the color by 10%, you get **85, 106.966, 138.983**, and if you desaturate by 10%, it is **86, 91.532, 142.177**.

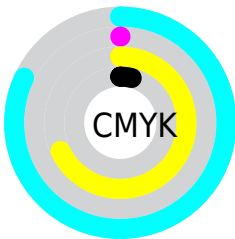
Distribution



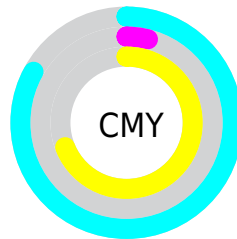
- Red (17%)
- Green (96%)
- Blue (31%)



- Red (17%)
- Yellow (84%)
- Blue (96%)



- Cyan (82%)
- Magenta (0%)
- Yellow (68%)
- Black (4%)





- Cyan (83%)
- Magenta (4%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 100.183, 140.572 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 85, 100.183, 140.572 by changing the saturation by 10% instead.


 85, 100.183,
140.572


 85, 100.183,
140.572


 100, 100.183,
140.572


 75, 100.183,
140.572


 65, 100.183,
140.572

 55, 100.183,
140.572

 45, 100.183,
140.572

 35, 100.183,
140.572

 25, 100.183,
140.572

 15, 100.183,

140.572

■ 5, 100.183,
140.572

■ 0, 100.183,
140.572

■ 85, 100.183,
140.572

■ 85, 100.183,
140.572

■ 85, 106.966,
138.983

■ 86, 91.532,
142.177

■ 85, 110.779,
137.916

■ 86, 81.281,
143.697

■ 87, 69.742,
145.079

■ 88, 57.239,
146.302

■ 90, 44.087,
147.365

■ 92, 30.568,
148.284

■ 94, 16.920,
149.079

■ 96, 3.334, 149.839

■ 97, 6.614, 324.625

Harmonies

Complementary

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



85, 100.183, 140.572



58, 93.769, 335.601

Rectangle

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



85, 100.183, 140.572



85, 100.183, 190.572



85, 100.183, 320.572



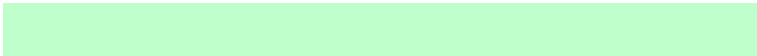
85, 100.183, 10.572

Sweetspot

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



85, 100.183, 140.572



95, 35.187, 148.060



91, 89.673, 112.184



50, 23.994, 147.740



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 100.183, 140.572



88, 114.035, 138.007



86, 64.919, 162.685



50, 7.702, 149.298



66, 89.751, 138.177



21, 37.431, 140.950

Inverse Universe

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



58, 93.769, 335.601



58, 100.045, 337.154



54, 76.862, 10.190



48, 7.724, 330.443



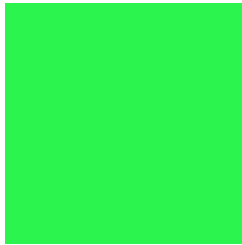
42, 79.212, 337.048



10, 35.866, 335.676

Previews

White Background



This preview shows how the CIELCh color 85, 100.183, 140.572 looks on a white background.

Color Contrast Check

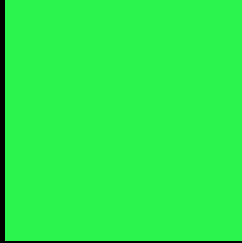
Large Text (above 18pt) WCAG AA × Fail

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 85, 100.183, 140.572 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 85, 100.183, 140.572

Background



This preview shows how black text looks on a background with the CIELCh color 85, 100.183, 140.572.

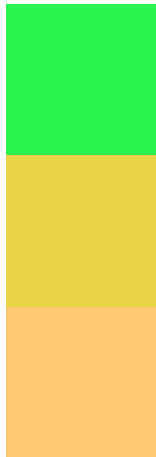


This preview shows how white text looks on a background with the CIELCh color 85, 100.183,

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

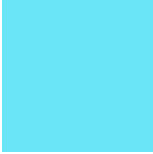
85, 100.119, 140.531

Protanopia

84, 69.574, 95.554

Deuteranopia

84, 50.725, 79.182



Tritanopia
85, 34.827, 214.195

Trichromacy



Original Color
85, 100.119, 140.531



Protanomaly
83, 76.266, 122.060



Deuteranomaly
82, 60.112, 120.483



Tritanomaly
84, 52.335, 167.075

Monochromacy



Original Color
85, 100.119, 140.531



Achromatopsia
68, 0.008, 296.813



Achromatomaly
72, 42.332, 146.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 100.183, 140.572 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(43, 244, 79)` looks like.

```
.text, #text, p{  
    color:rgb(43, 244, 79)  
}
```

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(43, 244, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 244, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 100.183, 140.572 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(43, 244, 79) }
```

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

```
.border{ border-color:rgb(43, 244, 79) }
```

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

Here you see how a box with a 4 pixel rgb(43, 244, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 244, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 244, 79);  
box-shadow:4px 4px 4px 4px rgb(43, 244,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 100.183, 140.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 244, 79) }
```

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

```
.background{ background-color: rgb(43, 244,  
79) }
```

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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