

Converting Colors

CIELCh(85, 92.323, 141.944)

Have a look what the booklet for
CIELCh(85, 92.323, 141.944)
contains.

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Color

CIELCh(85, 92.386, 141.919)

Conversions

Conversions Part 1

Format	Color
Hex	40F360
RGB	64, 243, 96
RGB Percent	25%, 95%, 38%
CMY	0.7492, 0.0472, 0.6237
CMYK	0.74, 0.00, 0.61, 0.05
HSL	131°, 88%, 60%
HSV	131°, 74%, 95%
XYZ	36.2576, 66.0070, 21.8862
YIQ	172.7210, -59.4970, -83.6650

Conversions

Conversions Part 2

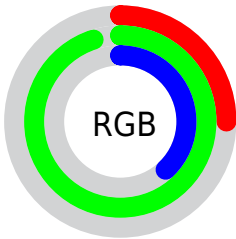
Format	Color
RYB	64, 216, 243
Decimal	4256608
CIELab	85.00, -72.72, 56.98
CIELCh	85, 92.386, 141.919
Yxy	66.0070, 0.2920, 0.5317
Android (android.graphics.Color)	4282446688 (0xFF40F360)
YUV	172.7210, -37.8235, -95.3483
Hunter-Lab	81.2447, -62.5180, 40.8994

Details

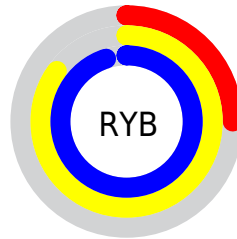
The CIELCh color **85, 92.386, 141.919** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **59, 88.720, 334.777**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 67.373, 144.096**, and **66, 87.779, 138.918** is the 20% darker color. If you saturate the color by 10%, you get **85, 100.790, 140.318**, and if you desaturate by 10%, it is **86, 82.346, 143.449**.

Distribution



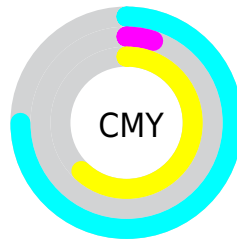
- Red (25%)
- Green (95%)
- Blue (38%)



- Red (25%)
- Yellow (85%)
- Blue (95%)



- Cyan (74%)
- Magenta (0%)
- Yellow (61%)
- Black (5%)





- Cyan (75%)
- Magenta (5%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 92.386, 141.919 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, 92.386, 141.919 by changing the saturation by 10% instead.


 85, 92.386,
141.919


 85, 92.386,
141.919


 100, 92.386,
141.919


 75, 92.386,
141.919

 65, 92.386,
141.919

 55, 92.386,
141.919

 45, 92.386,
141.919

 35, 92.386,
141.919

 25, 92.386,
141.919

 15, 92.386,

141.919

■ 5, 92.386, 141.919

■ 0, 92.386, 141.919

■ 85, 92.386,
141.919

■ 85, 92.386,
141.919

■ 85, 100.790,
140.318

■ 86, 82.346,
143.449

■ 84, 107.293,
138.749

■ 87, 70.980,
144.846


■ 84, 110.399,
137.875

■ 88, 58.612,
146.086

■ 89, 45.559,
147.166

■ 91, 32.109,

148.099

 93, 18.506,
148.906

 95, 4.944, 149.644

 97, 7.500, 324.661

Harmonies

Complementary

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



85, 92.386, 141.919



59, 88.720, 334.777

Rectangle

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



85, 92.386, 141.919



85, 92.386, 191.919



85, 92.386, 321.919



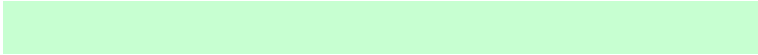
85, 92.386, 11.919

Sweetspot

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



85, 92.386, 141.919



95, 31.018, 148.238



91, 83.424, 112.182



50, 20.843, 148.004



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, 92.386, 141.919



88, 107.874, 139.593



86, 60.165, 164.382



50, 7.716, 149.215



66, 89.853, 138.129



20, 37.481, 140.895

Inverse Universe

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



59, 88.720, 334.777



59, 98.975, 335.969



56, 71.126, 6.723



48, 7.738, 330.358



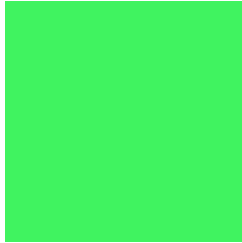
42, 79.360, 336.903



10, 35.926, 335.557

Previews

White Background



This preview shows how the CIE LCh color 85, 92.386, 141.919 looks on a white background.

Color Contrast Check

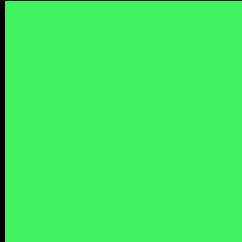
Large Text (above 18pt) WCAG AA × Fail

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, 92.386, 141.919 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, 92.386, 141.919

Background



This preview shows how black text looks on a background with the CIELCh color 85, 92.386, 141.919.

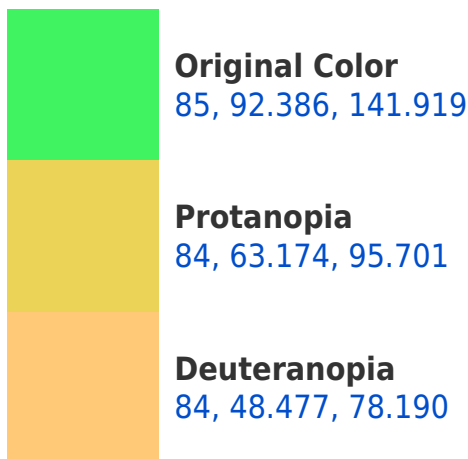


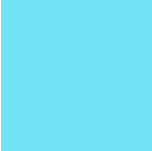
This preview shows how white text looks on a background with the CIELCh color 85, 92.386, 141.919.

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
85, 33.487, 213.999

Trichromacy



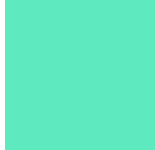
Original Color
85, 92.386, 141.919



Protanomaly
83, 68.946, 122.057



Deuteranomaly
82, 54.731, 118.452



Tritanomaly
84, 48.235, 168.874

Monochromacy



Original Color
85, 92.386, 141.919



Achromatopsia
71, 0.009, 296.813



Achromatomaly
74, 37.470, 147.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 92.386, 141.919 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(64, 243, 96)` looks like.

```
.text, #text, p{  
    color:rgb(64, 243, 96)  
}
```

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(64, 243, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 243, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 92.386, 141.919 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(64, 243, 96) }
```

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

```
.border{ border-color:rgb(64, 243, 96) }
```

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

Here you see how a box with a 4 pixel rgb(64, 243, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 243, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 243, 96);  
box-shadow:4px 4px 4px 4px rgb(64, 243,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 92.386, 141.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 243, 96) }
```

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

```
.background{ background-color: rgb(64, 243,  
96) }
```

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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