

Converting Colors

CIELCh(81, 92.824, 143.672)

Have a look what the booklet for
CIELCh(81, 92.824, 143.672)
contains.

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Color

CIELCh(81, 92.703, 143.729)

Conversions

Conversions Part 1

Format	Color
Hex	08E85A
RGB	8, 232, 90
RGB Percent	3%, 91%, 35%
CMY	0.9699, 0.0904, 0.6472
CMYK	0.97, 0.00, 0.61, 0.09
HSL	142°, 94%, 47%
HSV	142°, 97%, 91%
XYZ	30.7816, 58.4711, 19.3261
YIQ	148.8360, -87.9220, -91.6500

Conversions

Conversions Part 2

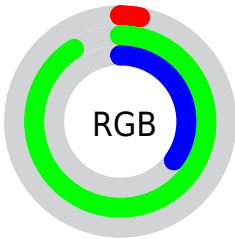
Format	Color
RYB	8, 172, 232
Decimal	583770
CIELab	81.00, -74.74, 54.84
CIELCh	81, 92.703, 143.729
Yxy	58.4711, 0.2835, 0.5385
Android (android.graphics.Color)	4278773850 (0xFF08E85A)
YUV	148.8360, -29.0061, -123.5132
Hunter-Lab	76.4664, -61.9608, 38.5416

Details

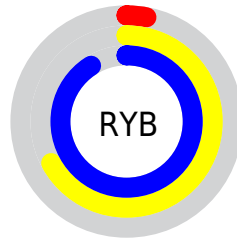
The CIELCh color **81, 92.703, 143.729** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **51, 82.353, 349.661**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 74.252, 145.950**, and **62, 85.051, 138.510** is the 20% darker color. If you saturate the color by 10%, you get **81, 94.516, 143.053**, and if you desaturate by 10%, it is **81, 86.683, 145.841**.

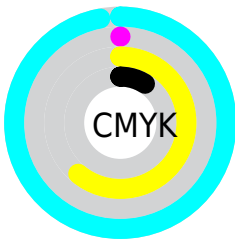
Distribution



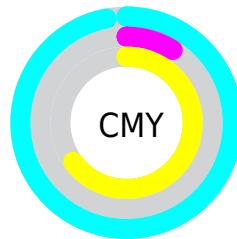
- Red (3%)
- Green (91%)
- Blue (35%)



- Red (3%)
- Yellow (67%)
- Blue (91%)



- Cyan (97%)
- Magenta (0%)
- Yellow (61%)
- Black (9%)





- Cyan (97%)
- Magenta (9%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 92.703, 143.729 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 81, 92.703, 143.729 by changing the saturation by 10% instead.


 81, 92.703,
143.729


 81, 92.703,
143.729


 100, 92.703,
143.729


 71, 92.703,
143.729


 61, 92.703,
143.729

 51, 92.703,
143.729

 41, 92.703,
143.729

 31, 92.703,
143.729

 21, 92.703,
143.729

 11, 92.703,

143.729

■ 1, 92.703, 143.729

■ 0, 92.703, 143.729

■ 81, 92.703,
143.729

■ 81, 92.703,
143.729

■ 81, 94.516,
143.053

■ 81, 86.683,
145.841

■ 82, 79.542,
147.823

■ 82, 71.299,
149.619

■ 83, 62.065,
151.213

■ 84, 52.008,

152.612

■ 86, 41.330,
153.832

■ 87, 30.239,
154.897

■ 89, 18.927,
155.834

■ 91, 7.559, 156.682

Harmonies

Complementary

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



81, 92.703, 143.729



51, 82.353, 349.661

Rectangle

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



81, 92.703, 143.729



81, 92.703, 193.729



81, 92.703, 323.729



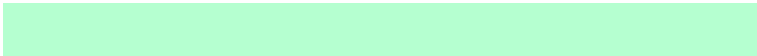
81, 92.703, 13.729

Sweetspot

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



81, 92.703, 143.729



94, 35.449, 154.648



84, 96.370, 122.794



50, 24.266, 154.194



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 92.703, 143.729



88, 101.808, 142.935



83, 52.917, 178.416



47, 6.374, 156.451



64, 77.013, 143.445



18, 29.596, 147.487

Inverse Universe

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



51, 82.353, 349.661



56, 88.467, 350.705



49, 89.028, 33.268



45, 6.419, 337.778



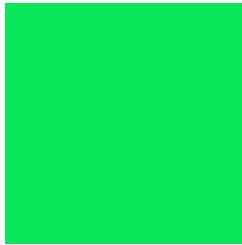
39, 67.975, 350.029



7, 29.367, 345.620

Previews

White Background



This preview shows how the CIE LCh color 81, 92.703, 143.729 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 81, 92.703, 143.729 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 81, 92.703, 143.729

Background



This preview shows how black text looks on a background with the CIELCh color 81, 92.703, 143.729.

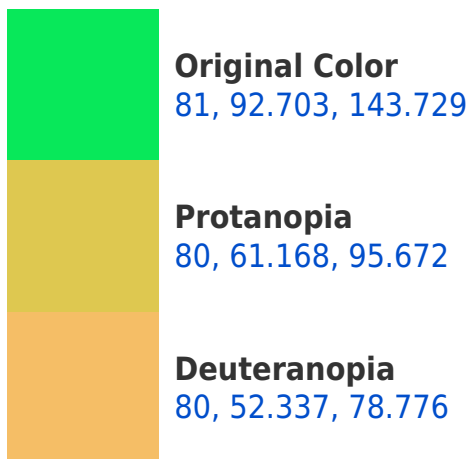



This preview shows how white text looks on a background with the CIELCh color 81, 92.703, 143.729.

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
81, 34.865, 213.338

Trichromacy



Original Color
81, 92.703, 143.729



Protanomaly
78, 69.612, 127.508



Deuteranomaly
77, 57.850, 124.104



Tritanomaly
80, 50.720, 171.045

Monochromacy



Original Color
81, 92.703, 143.729



Achromatopsia
62, 0.008, 296.813



Achromatomaly
67, 40.837, 153.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 92.703, 143.729 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(8, 232, 90)` looks like.

```
.text, #text, p{  
    color:rgb(8, 232, 90)  
}
```

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(8, 232, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 232, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 92.703, 143.729 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(8, 232, 90) }
```

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

```
.border{ border-color:rgb(8, 232, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 232, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 232, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 232, 90);  
box-shadow:4px 4px 4px 4px rgb(8, 232, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 81, 92.703, 143.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 232, 90) }
```

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

```
.background{ background-color: rgb(8, 232,  
90) }
```

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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