

Converting Colors

CIELCh(81, 79.995, 139.519)

Have a look what the booklet for
CIELCh(81, 79.995, 139.519)
contains.

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Color

CIELCh(81, 80.124, 139.509)

Conversions

Conversions Part 1

Format	Color
Hex	61E361
RGB	97, 227, 97
RGB Percent	38%, 89%, 38%
CMY	0.6187, 0.1090, 0.6188
CMYK	0.57, 0.00, 0.57, 0.11
HSL	120°, 70%, 64%
HSV	120°, 57%, 89%
XYZ	34.6456, 58.4711, 20.8158
YIQ	173.3100, -35.7500, -67.9900

Conversions

Conversions Part 2

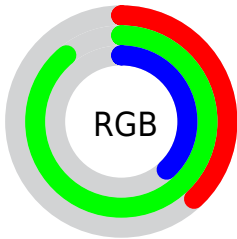
Format	Color
RYB	97, 227, 227
Decimal	6415201
CIELab	81.00, -60.93, 52.03
CIElCh	81, 80.124, 139.509
Yxy	58.4711, 0.3041, 0.5132
Android (android.graphics.Color)	4284605281 (0xFF61E361)
YUV	173.3100, -37.6208, -66.9239
Hunter-Lab	76.4664, -52.9410, 37.3865

Details

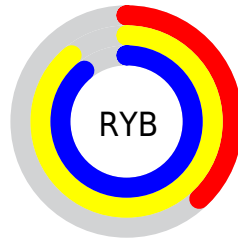
The CIELCh color **81, 80.124, 139.509** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **62, 79.393, 327.340**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 63.308, 139.792**, and **61, 79.963, 139.500** is the 20% darker color. If you saturate the color by 10%, you get **80, 91.118, 138.370**, and if you desaturate by 10%, it is **82, 67.543, 140.628**.

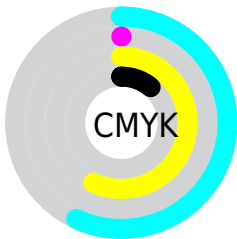
Distribution



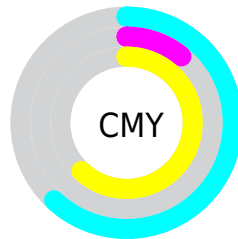
- Red (38%)
- Green (89%)
- Blue (38%)



- Red (38%)
- Yellow (89%)
- Blue (89%)



- Cyan (57%)
- Magenta (0%)
- Yellow (57%)
- Black (11%)





- Cyan (62%)
- Magenta (11%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 80.124, 139.509 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, 80.124, 139.509 by changing the saturation by 10% instead.


 81, 80.124,
139.509


 81, 80.124,
139.509


 100, 80.124,
139.509


 71, 80.124,
139.509


 61, 80.124,
139.509

 51, 80.124,
139.509

 41, 80.124,
139.509

 31, 80.124,
139.509

 21, 80.124,
139.509

 11, 80.124,

139.509

■ 1, 80.124, 139.509

■ 0, 80.124, 139.509

■ 81, 80.124,
139.509

■ 81, 80.124,
139.509

■ 80, 91.118,
138.370

■ 82, 67.543,
140.628

■ 80, 99.934,
137.329

■ 83, 53.897,
141.658

■ 79, 106.023,
136.536

■ 85, 39.615,
142.569

■ 79, 109.172,
136.100

■ 87, 25.044,
143.359

■ 79, 109.772,

■ 89, 10.443,

136.015

144.044

■ 91, 3.994, 324.512

■ 93, 17.374,
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.



81, 80.124, 139.509



62, 79.393, 327.340

Rectangle

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



81, 80.124, 139.509



81, 80.124, 189.509



81, 80.124, 319.509



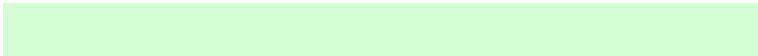
81, 80.124, 9.509

Sweetspot

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



81, 80.125, 139.509



96, 27.143, 143.367



88, 63.265, 104.039



51, 18.166, 143.217



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, 80.125, 139.509



89, 101.784, 138.126



82, 55.711, 156.434



47, 8.293, 143.897



63, 91.649, 136.015



17, 36.759, 138.827

Inverse Universe

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



62, 79.393, 327.340



65, 100.007, 327.756



60, 58.484, 349.167



45, 8.305, 324.934



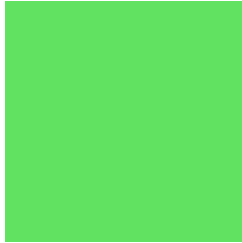
42, 88.429, 328.223



9, 37.108, 328.225

Previews

White Background



This preview shows how the CIE LCh color 81, 80.124, 139.509 looks on a white background.

Color Contrast Check

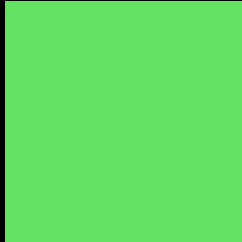
Large Text (above 18pt) WCAG AA × Fail

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, 80.124, 139.509 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

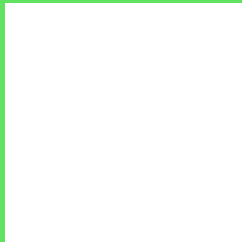
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 80.124, 139.509

Background



This preview shows how black text looks on a background with the CIELCh color 81, 80.124, 139.509.

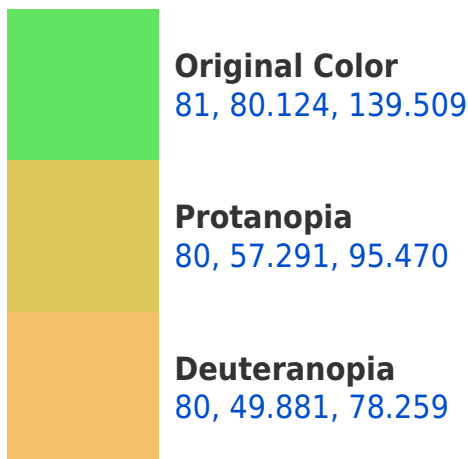


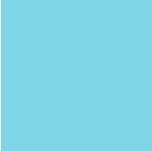
This preview shows how white text looks on a background with the CIELCh color 81, 80.124, 139.509.

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, 27.060, 218.673

Trichromacy



Original Color
81, 80.124, 139.509



Protanomaly
80, 60.950, 117.865



Deuteranomaly
79, 51.990, 111.490

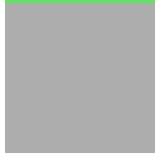


Tritanomaly
80, 38.934, 167.192

Monochromacy



Original Color
81, 80.124, 139.509



Achromatopsia
71, 0.009, 296.813



Achromatomaly
74, 31.050, 142.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 80.124, 139.509 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(97, 227, 97)` looks like.

```
.text, #text, p{  
    color:rgb(97, 227, 97)  
}
```

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(97, 227, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 227, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 80.124, 139.509 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(97, 227, 97) }
```

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

```
.border{ border-color:rgb(97, 227, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 227, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 227, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 227, 97);  
box-shadow:4px 4px 4px 4px rgb(97, 227,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 80.124, 139.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 227, 97) }
```

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

```
.background{ background-color: rgb(97, 227,  
97) }
```

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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