

Converting Colors

CIELCh(81, 93.312, 139.584)

Have a look what the booklet for
CIELCh(81, 93.312, 139.584)
contains.

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Color

CIELCh(81, 93.412, 139.656)

Conversions

Conversions Part 1

Format	Color
Hex	3DE74D
RGB	61, 231, 77
RGB Percent	24%, 91%, 30%
CMY	0.7591, 0.0956, 0.6995
CMYK	0.73, 0.00, 0.67, 0.10
HSL	125°, 78%, 57%
HSV	125°, 73%, 90%
XYZ	31.7446, 58.4711, 16.5654
YIQ	162.6140, -51.8860, -83.9340

Conversions

Conversions Part 2

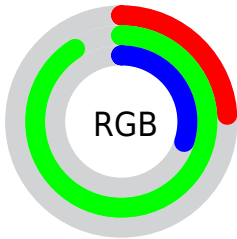
Format	Color
RYB	61, 216, 231
Decimal	4056909
CIELab	81.00, -71.20, 60.47
CIELCh	81, 93.412, 139.656
Yxy	58.4711, 0.2973, 0.5476
Android (android.graphics.Color)	4282246989 (0xFF3DE74D)
YUV	162.6140, -42.2077, -89.1155
Hunter-Lab	76.4664, -59.7130, 40.6821

Details

The CIELCh color **81, 93.412, 139.656** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark washed green. A complement of this color would be **57, 90.259, 331.044**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 75.424, 140.329**, and **62, 89.062, 136.416** is the 20% darker color. If you saturate the color by 10%, you get **81, 101.349, 138.348**, and if you desaturate by 10%, it is **82, 83.496, 141.001**.

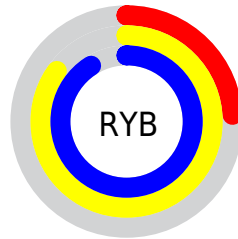
Distribution



Red (24%)

Green (91%)

Blue (30%)



Red (24%)

Yellow (85%)

Blue (91%)

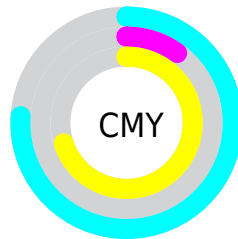


Cyan (73%)

Magenta (0%)

Yellow (67%)

Black (10%)



Cyan (76%)


Magenta (10%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 93.412, 139.656 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, 93.412, 139.656 by changing the saturation by 10% instead.


 81, 93.412,
139.656

 81, 93.412,
139.656


 100, 93.412,
139.656


 71, 93.412,
139.656

 61, 93.412,
139.656

 51, 93.412,
139.656

 41, 93.412,
139.656

 31, 93.412,
139.656

 21, 93.412,
139.656

 11, 93.412,

139.656

■ 1, 93.412, 139.656

■ 0, 93.412, 139.656

■ 81, 93.412,
139.656

■ 81, 93.412,
139.656

■ 81, 101.349,
138.348

■ 82, 83.496,
141.001

■ 80, 106.929,
137.210

■ 83, 72.033,
142.285

■ 80, 109.296,
136.657

■ 84, 59.446,
143.451

■ 85, 46.114,
144.480


■ 87, 32.363,

145.372

 89, 18.459,
146.140

 91, 4.610, 146.839

 93, 9.032, 327.290

 94, 15.233,
324.950

Harmonies

Complementary

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



81, 93.412, 139.656



57, 90.259, 331.044

Rectangle

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



81, 93.412, 139.656



81, 93.412, 189.656



81, 93.412, 319.656



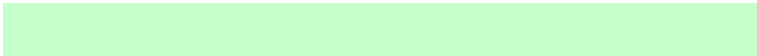
81, 93.412, 9.656

Sweetspot

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



81, 93.412, 139.657



95, 33.056, 145.473



88, 79.078, 108.013



50, 22.214, 145.248



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, 93.412, 139.657



88, 112.772, 137.735



82, 62.632, 159.094



47, 7.795, 146.413



63, 89.883, 136.818



17, 35.123, 140.399

Inverse Universe

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



57, 90.259, 331.044



60, 105.561, 331.729



54, 68.822, 359.888



45, 7.810, 327.488



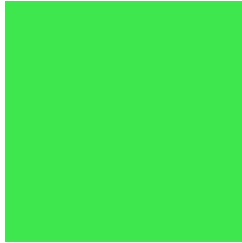
41, 82.421, 332.157



8, 34.964, 331.501

Previews

White Background



This preview shows how the CIE LCh color 81, 93.412, 139.656 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, 93.412, 139.656 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, 93.412, 139.656

Background



This preview shows how black text looks on a background with the CIELCh color 81, 93.412, 139.656.



This preview shows how white text looks on a background with the CIELCh color 81, 93.412, 139.656.

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, 31.697, 214.160

Trichromacy



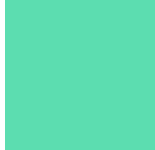
Original Color
81, 93.511, 139.727



Protanomaly
79, 71.274, 119.981



Deuteranomaly
78, 61.275, 114.997



Tritanomaly
80, 47.601, 165.956

Monochromacy



Original Color
81, 93.511, 139.727



Achromatopsia
67, 0.008, 296.813



Achromatomaly
71, 38.471, 144.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 93.412, 139.656 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(61, 231, 77)` looks like.

```
.text, #text, p{  
    color:rgb(61, 231, 77)  
}
```

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(61, 231, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 231, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 93.412, 139.656 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(61, 231, 77) }
```

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

```
.border{ border-color:rgb(61, 231, 77) }
```

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

Here you see how a box with a 4 pixel rgb(61, 231, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 231, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 231, 77);  
box-shadow:4px 4px 4px 4px rgb(61, 231,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 93.412, 139.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 231, 77) }
```

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

```
.background{ background-color: rgb(61, 231,  
77) }
```

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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