

Converting Colors

CIELCh(79, 86.518, 145.929)

Have a look what the booklet for
CIELCh(79, 86.518, 145.929)
contains.

CIELCh(79, 86.412, 145.942)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 86.412, 145.942)

Conversions

Conversions Part 1

Format	Color
Hex	06E163
RGB	6, 225, 99
RGB Percent	2%, 88%, 39%
CMY	0.9750, 0.1167, 0.6109
CMYK	0.97, 0.00, 0.56, 0.12
HSL	145°, 94%, 45%
HSV	145°, 97%, 88%
XYZ	29.3336, 54.9284, 20.9162
YIQ	145.1550, -90.0780, -85.6140

Conversions

Conversions Part 2

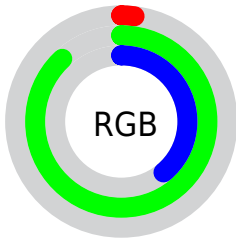
Format	Color
RYB	6, 160, 225
Decimal	450915
CIELab	79.00, -71.59, 48.39
CIELCh	79, 86.412, 145.942
Yxy	54.9284, 0.2789, 0.5222
Android (android.graphics.Color)	4278640995 (0xFF06E163)
YUV	145.1550, -22.7544, -122.0389
Hunter-Lab	74.1137, -59.0500, 35.1469

Details

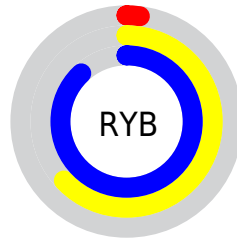
The CIELCh color **79, 86.412, 145.942** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **49, 78.470, 354.566**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 71.250, 148.514**, and **60, 78.709, 140.523** is the 20% darker color. If you saturate the color by 10%, you get **79, 87.886, 145.338**, and if you desaturate by 10%, it is **79, 80.819, 148.134**.

Distribution



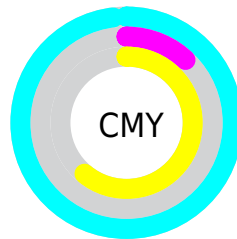
- Red (2%)
- Green (88%)
- Blue (39%)



- Red (2%)
- Yellow (63%)
- Blue (88%)



- Cyan (97%)
- Magenta (0%)
- Yellow (56%)
- Black (12%)





- Cyan (98%)
- Magenta (12%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 86.412, 145.942 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 79, 86.412, 145.942 by changing the saturation by 10% instead.


 79, 86.412,
145.942


 79, 86.412,
145.942


 100, 86.412,
145.942

 69, 86.412,
145.942

 99, 86.412,
145.942

 59, 86.412,
145.942

 49, 86.412,
145.942

 39, 86.412,
145.942

 29, 86.412,
145.942

 19, 86.412,
145.942

 9, 86.412, 145.942

■ 0, 86.412, 145.942

■ 79, 86.412,
145.942

■ 79, 86.412,
145.942

■ 79, 87.886,
145.338

■ 79, 80.819,
148.134

■ 80, 74.249,
150.172

■ 80, 66.681,
152.009

■ 81, 58.190,
153.637

■ 82, 48.916,
155.066

■ 83, 39.038,
156.319

■ 85, 28.741,
157.418

■ 86, 18.205,
158.392

■ 88, 7.584, 159.279

Harmonies

Complementary

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



79, 86.412, 145.942



49, 78.470, 354.566

Rectangle

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



79, 86.412, 145.942



79, 86.412, 195.942



79, 86.412, 325.942



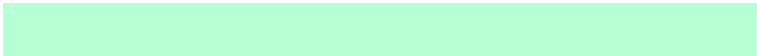
79, 86.412, 15.942

Sweetspot

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



79, 86.412, 145.942



94, 33.894, 157.206



81, 95.919, 124.902



50, 23.189, 156.739



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 86.412, 145.942



88, 96.875, 145.172



81, 48.979, 184.589



46, 5.997, 159.080



63, 72.449, 145.733



17, 27.132, 150.149

Inverse Universe

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



49, 78.470, 354.566



55, 86.255, 355.763



47, 90.060, 36.215



44, 6.052, 340.475



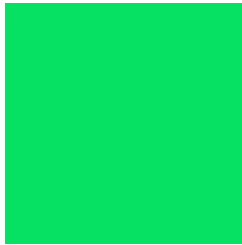
38, 65.540, 354.880



7, 27.344, 349.236

Previews

White Background



This preview shows how the CIELCh color 79, 86.412, 145.942 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 79, 86.412, 145.942 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 79, 86.412, 145.942

Background



This preview shows how black text looks on a background with the CIELCh color 79, 86.412, 145.942.

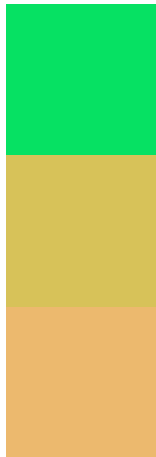


This preview shows how white text looks on a background with the CIELCh color 79, 86.412, 145.942.

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

79, 86.389, 145.927

Protanopia

78, 54.679, 95.557

Deuteranopia

78, 45.813, 77.724

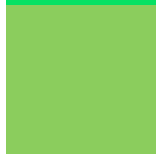


Tritanopia
79, 34.691, 212.531

Trichromacy



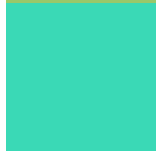
Original Color
79, 86.389, 145.927



Protanomaly
76, 63.023, 129.616



Deuteranomaly
76, 52.373, 126.890



Tritanomaly
78, 48.856, 173.390

Monochromacy



Original Color
79, 86.389, 145.927



Achromatopsia
60, 0.008, 296.813



Achromatomaly
65, 38.520, 155.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 86.412, 145.942 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(6, 225, 99)` looks like.

```
.text, #text, p{  
    color:rgb(6, 225, 99)  
}
```

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(6, 225, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 225, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 86.412, 145.942 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(6, 225, 99) }
```

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

```
.border{ border-color:rgb(6, 225, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 225, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 225, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 225, 99);  
box-shadow:4px 4px 4px 4px rgb(6, 225, 99)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 79, 86.412, 145.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 225, 99) }
```

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

```
.background{ background-color: rgb(6, 225,  
99) }
```

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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