

Converting Colors

CIELCh(79, 99.851, 139.965)

Have a look what the booklet for
CIELCh(79, 99.851, 139.965)
contains.

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Color

CIELCh(79, 99.657, 139.893)

Conversions

Conversions Part 1

Format	Color
Hex	02E23C
RGB	2, 226, 60
RGB Percent	1%, 89%, 24%
CMY	0.9919, 0.1123, 0.7633
CMYK	0.99, 0.00, 0.73, 0.11
HSL	136°, 98%, 45%
HSV	136°, 99%, 89%
XYZ	28.1437, 54.9284, 13.4446
YIQ	140.1000, -80.2180, -99.1140

Conversions

Conversions Part 2

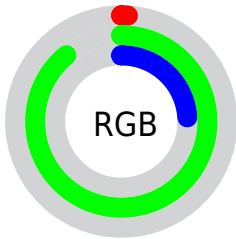
Format	Color
R _Y B	2, 180, 226
Decimal	188988
CIE Lab	79.00, -76.22, 64.20
CIE LCh	79, 99.657, 139.893
Yxy	54.9284, 0.2916, 0.5691
Android (android.graphics.Color)	4278379068 (0xFF02E23C)
YUV	140.1000, -39.4893, -121.1137
Hunter-Lab	74.1137, -61.9159, 41.1241

Details

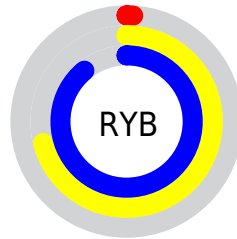
The CIELCh color **79, 99.657, 139.893** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **51, 86.402, 342.120**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 84.862, 140.707**, and **60, 88.014, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 100.124, 139.744**, and if you desaturate by 10%, it is **79, 93.960, 141.707**.

Distribution



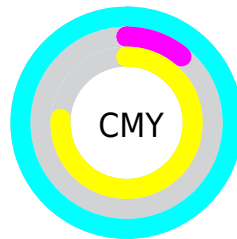
- Red (1%)
- Green (89%)
- Blue (24%)



- Red (1%)
- Yellow (71%)
- Blue (89%)



- Cyan (99%)
- Magenta (0%)
- Yellow (73%)
- Black (11%)





- Cyan (99%)
- Magenta (11%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 99.657, 139.893 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, 99.657, 139.893 by changing the saturation by 10% instead.


 79, 99.657,
139.893


 79, 99.657,
139.893


 100, 99.657,
139.893


 69, 99.657,
139.893


 99, 99.657,
139.893

 59, 99.657,
139.893

 49, 99.657,
139.893

 39, 99.657,
139.893

 29, 99.657,
139.893

 19, 99.657,
139.893

 9, 99.657, 139.893

■ 0, 99.657, 139.893

■ 79, 99.657,
139.893

■ 79, 99.657,
139.893

■ 79, 100.124,
139.744

■ 79, 93.960,
141.707

■ 80, 86.846,
143.533

■ 80, 78.380,
145.249

■ 81, 68.735,
146.805

■ 82, 58.134,
148.182

■ 83, 46.819,
149.385

■ 85, 35.034,
150.427

■ 86, 23.001,
151.332

■ 88, 10.905,
152.128

Harmonies

Complementary

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



79, 99.657, 139.893



51, 86.402, 342.120

Rectangle

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



79, 99.657, 139.893



79, 99.657, 189.893



79, 99.657, 319.893



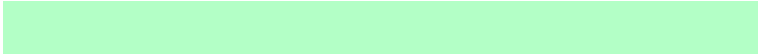
79, 99.657, 9.893

Sweetspot

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



79, 99.657, 139.894



94, 39.793, 150.318



84, 91.919, 117.461



49, 27.096, 149.887



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, 99.657, 139.894



88, 109.886, 139.617



80, 60.597, 165.969



46, 6.772, 152.101



63, 82.313, 140.069



16, 30.745, 144.459

Inverse Universe

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



51, 86.402, 342.120



57, 94.464, 342.387



48, 82.332, 25.805



44, 6.800, 333.304



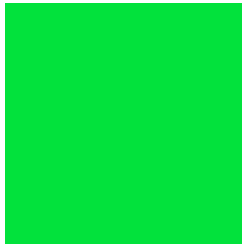
39, 71.812, 341.969



7, 30.150, 339.209

Previews

White Background



This preview shows how the CIELCh color 79, 99.657, 139.893 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, 99.657, 139.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

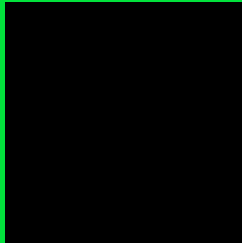
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

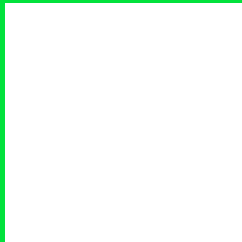
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 99.657, 139.893

Background



This preview shows how black text looks on a background with the CIELCh color 79, 99.657, 139.893.

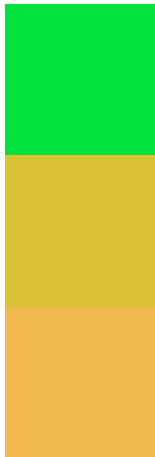


This preview shows how white text looks on a background with the CIELCh color 79, 99.657, 139.893.

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, 99.612, 139.864

Protanopia

78, 69.582, 94.996

Deuteranopia

78, 61.166, 80.503



Tritanopia
79, 33.646, 213.091

Trichromacy



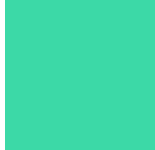
Original Color
79, 99.612, 139.864



Protanomaly
76, 77.634, 124.292



Deuteranomaly
75, 66.561, 120.674



Tritanomaly
78, 53.515, 165.761

Monochromacy



Original Color
79, 99.612, 139.864



Achromatopsia
58, 0.007, 296.813



Achromatomaly
64, 44.842, 148.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 99.657, 139.893 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(2, 226, 60)` looks like.

```
.text, #text, p{  
    color:rgb(2, 226, 60)  
}
```

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(2, 226, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 226, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 99.657, 139.893 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(2, 226, 60) }
```

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

```
.border{ border-color:rgb(2, 226, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 226, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 226, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 226, 60);  
box-shadow:4px 4px 4px 4px rgb(2, 226, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 79, 99.657, 139.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 226, 60) }
```

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

```
.background{ background-color: rgb(2, 226,  
60) }
```

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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