

Converting Colors

CIELCh(79, 103.246, 135.756)

Have a look what the booklet for
CIELCh(79, 103.246, 135.756)
contains.

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Color

CIELCh(79, 103.003, 135.746)

Conversions

Conversions Part 1

Format	Color
Hex	35E122
RGB	53, 225, 34
RGB Percent	21%, 88%, 13%
CMY	0.7934, 0.1161, 0.8682
CMYK	0.77, 0.00, 0.85, 0.12
HSL	114°, 76%, 51%
HSV	114°, 85%, 88%
XYZ	28.7679, 54.9284, 10.5683
YIQ	151.7980, -41.2010, -95.8650

Conversions

Conversions Part 2

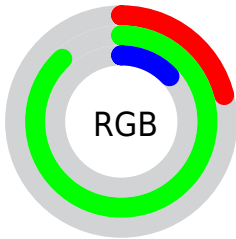
Format	Color
RYB	34, 225, 206
Decimal	3531042
CIELab	79.00, -73.78, 71.88
CIELCh	79, 103.003, 135.746
Yxy	54.9284, 0.3052, 0.5827
Android (android.graphics.Color)	4281721122 (0xFF35E122)
YUV	151.7980, -58.0744, -86.6458
Hunter-Lab	74.1137, -60.4126, 43.4250

Details

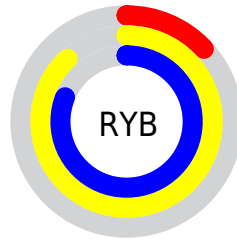
The CIELCh color **79, 103.003, 135.746** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **52, 101.492, 324.615**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 88.628, 135.446**, and **60, 87.629, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 107.257, 135.629**, and if you desaturate by 10%, it is **79, 95.918, 136.228**.

Distribution



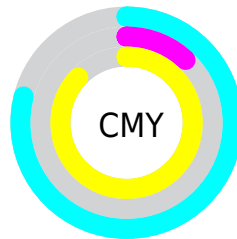
- Red (21%)
- Green (88%)
- Blue (13%)



- Red (13%)
- Yellow (88%)
- Blue (81%)



- Cyan (77%)
- Magenta (0%)
- Yellow (85%)
- Black (12%)





- Cyan (79%)
- Magenta (12%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 103.003, 135.746 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, 103.003, 135.746 by changing the saturation by 10% instead.


 79, 103.003,
135.746


 79, 103.003,
135.746


 100, 103.003,
135.746


 69, 103.003,
135.746


 99, 103.003,
135.746

 59, 103.003,
135.746

 49, 103.003,
135.746

 39, 103.003,
135.746

 29, 103.003,
135.746

 19, 103.003,
135.746

 9, 103.003,

135.746

■ 0, 103.003,
135.746

■ 79, 103.003,
135.746

■ 79, 103.003,
135.746

■ 79, 107.257,
135.629

■ 79, 95.918,
136.228

■ 79, 108.533,
135.626

■ 80, 86.406,
136.965

■ 81, 75.060,
137.823

■ 82, 62.444,
138.696

■ 83, 49.019,
139.520

■ 85, 35.145,
140.265

■ 87, 21.095,
140.922

■ 89, 7.074, 141.509

■ 91, 6.774, 321.917

Harmonies

Complementary

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



79, 103.003, 135.746



52, 101.492, 324.615

Rectangle

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



79, 103.003, 135.746



79, 103.003, 185.746



79, 103.003, 315.746



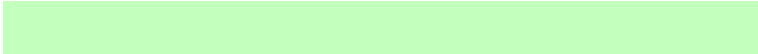
79, 103.003, 5.746

Sweetspot

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



79, 103.003, 135.747



95, 40.244, 140.189



82, 78.493, 97.085



50, 27.266, 139.935



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, 103.003, 135.747



88, 119.195, 135.661



79, 81.333, 147.536



46, 7.883, 141.258



63, 90.083, 135.536



16, 34.361, 137.682

Inverse Universe

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



52, 101.492, 324.615



56, 116.361, 324.300



51, 77.696, 349.192



44, 7.910, 322.168



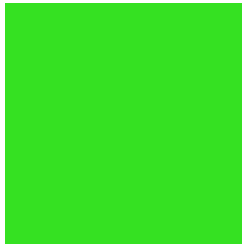
39, 88.071, 324.388



7, 35.788, 324.874

Previews

White Background



This preview shows how the CIELCh color 79, 103.003, 135.746 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, 103.003, 135.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

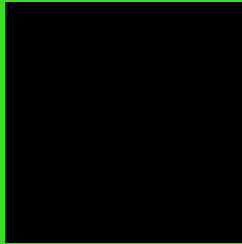
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 103.003, 135.746

Background



This preview shows how black text looks on a background with the CIELCh color 79, 103.003, 135.746.



This preview shows how white text looks on a background with the CIELCh color 79, 103.003, 135.746.

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, 102.741, 135.754

Protanopia

78, 76.739, 95.120

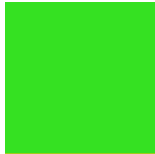
Deuteranopia

78, 68.800, 81.592



Tritanopia
79, 31.212, 214.518

Trichromacy



Original Color
79, 102.741, 135.754



Protanomaly
77, 81.759, 117.151



Deuteranomaly
76, 72.316, 112.172



Tritanomaly
78, 52.775, 159.299

Monochromacy



Original Color
79, 102.741, 135.754



Achromatopsia
63, 0.008, 296.813



Achromatomaly
67, 45.180, 139.234

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 103.003, 135.746 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(53, 225, 34)` looks like.

```
.text, #text, p{  
    color:rgb(53, 225, 34)  
}
```

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(53, 225, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 225, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 103.003, 135.746 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(53, 225, 34) }
```

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

```
.border{ border-color:rgb(53, 225, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 225, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 225, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 225, 34);  
box-shadow:4px 4px 4px 4px rgb(53, 225,  
34) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 103.003, 135.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 225, 34) }
```

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

```
.background{ background-color: rgb(53, 225,  
34) }
```

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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