

Converting Colors

CIELCh(79, 106.301, 134.313)

Have a look what the booklet for
CIELCh(79, 106.301, 134.313)
contains.

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Color

CIELCh(79, 106.137, 134.286)

Conversions

Conversions Part 1

Format	Color
Hex	38E104
RGB	56, 225, 4
RGB Percent	22%, 88%, 2%
CMY	0.7815, 0.1159, 0.9827
CMYK	0.75, 0.00, 0.98, 0.12
HSL	106°, 96%, 45%
HSV	106°, 98%, 88%
XYZ	28.6824, 54.9284, 9.2162
YIQ	149.2750, -29.7830, -104.5590

Conversions

Conversions Part 2

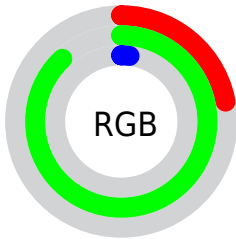
Format	Color
RYB	4, 225, 173
Decimal	3727620
CIELab	79.00, -74.11, 75.98
CIELCh	79, 106.137, 134.286
Yxy	54.9284, 0.3090, 0.5917
Android (android.graphics.Color)	4281917700 (0xFF38E104)
YUV	149.2750, -71.6206, -81.8022
Hunter-Lab	74.1137, -60.6185, 44.5067

Details

The CIELCh color **79, 106.137, 134.286** 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 **45, 107.353, 319.598**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 92.421, 133.557**, and **60, 87.629, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 106.755, 134.374**, and if you desaturate by 10%, it is **79, 102.107, 133.827**.

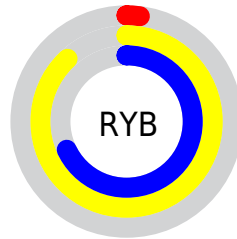
Distribution



Red (22%)

Green (88%)

Blue (2%)



Red (2%)

Yellow (88%)

Blue (68%)

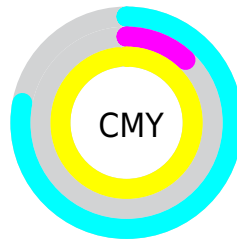


Cyan (75%)

Magenta (0%)

Yellow (98%)

Black (12%)



Cyan (78%)


Magenta (12%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 106.137, 134.286 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, 106.137, 134.286 by changing the saturation by 10% instead.


 79, 106.137,
134.286


 79, 106.137,
134.286


 100, 106.137,
134.286


 69, 106.137,
134.286


 99, 106.137,
134.286

 59, 106.137,
134.286

 49, 106.137,
134.286

 39, 106.137,
134.286

 29, 106.137,
134.286

 19, 106.137,
134.286

 9, 106.137,

134.286

■ 0, 106.137,
134.286

■ 79, 106.137,
134.286

■ 79, 106.137,
134.286

■ 79, 106.755,
134.374

■ 79, 102.107,
133.827

■ 80, 95.480,
133.762

■ 81, 86.495,
134.050

■ 81, 75.716,
134.559

■ 82, 63.704,
135.174

■ 84, 50.907,
135.811

■ 85, 37.663,
136.424

■ 87, 24.218,
136.989

■ 88, 10.751,
137.502

Harmonies

Complementary

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



79, 106.137, 134.286



45, 107.353, 319.598

Rectangle

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



79, 106.137, 134.286



79, 106.137, 184.286



79, 106.137, 314.286



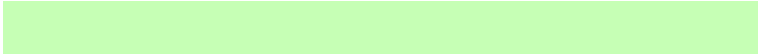
79, 106.137, 4.286

Sweetspot

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



79, 106.136, 134.287



95, 43.031, 136.356



74, 76.365, 85.006



50, 29.491, 136.095



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, 106.136, 134.287



88, 117.279, 134.443



79, 98.380, 140.257



46, 7.566, 137.433



63, 88.510, 134.202



17, 33.285, 135.250

Inverse Universe

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



45, 107.353, 319.598



51, 118.438, 319.436



51, 85.711, 342.414



44, 7.615, 318.232



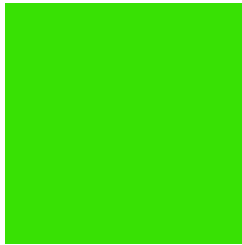
35, 89.585, 319.621



6, 35.243, 320.244

Previews

White Background



This preview shows how the CIE LCh color 79, 106.137, 134.286 looks on a white background.

Color Contrast Check

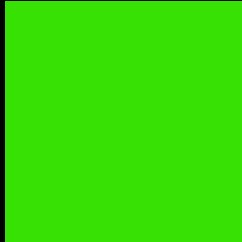
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 106.137, 134.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

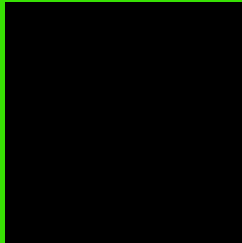
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 106.137, 134.286

Background



This preview shows how black text looks on a background with the CIELCh color 79, 106.137, 134.286.



This preview shows how white text looks on a background with the CIELCh color 79, 106.137, 134.286.

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, 105.974, 134.250

Protanopia

78, 79.733, 94.821

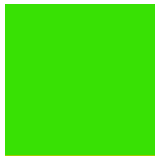
Deuteranopia

78, 72.268, 81.938



Tritanopia
79, 30.767, 213.733

Trichromacy



Original Color

79, 105.974, 134.250



Protanomaly

77, 84.618, 115.890



Deuteranomaly

76, 76.696, 110.688



Tritanomaly

78, 56.997, 154.307

Monochromacy



Original Color

79, 105.974, 134.250



Achromatopsia

62, 0.008, 296.813



Achromatomaly

66, 49.977, 135.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 106.137, 134.286 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(56, 225, 4)` looks like.

```
.text, #text, p{  
    color:rgb(56, 225, 4)  
}
```

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(56, 225, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 225, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 106.137, 134.286 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(56, 225, 4) }
```

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

```
.border{ border-color:rgb(56, 225, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 225, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 225, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 225, 4);  
box-shadow:4px 4px 4px 4px rgb(56, 225, 4)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 79, 106.137, 134.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 225, 4) }
```

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

```
.background{ background-color: rgb(56, 225,  
4) }
```

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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