

Converting Colors

CIELCh(78, 104.415, 136.608)

Have a look what the booklet for
CIELCh(78, 104.415, 136.608)
contains.

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Color

CIELCh(78, 104.442, 136.591)

Conversions

Conversions Part 1

Format	Color
Hex	1CDF1D
RGB	28, 223, 29
RGB Percent	11%, 87%, 11%
CMY	0.8882, 0.1248, 0.8851
CMYK	0.87, 0.00, 0.87, 0.12
HSL	120°, 77%, 49%
HSV	120°, 87%, 88%
XYZ	27.1518, 53.2120, 10.0203
YIQ	142.5790, -53.9460, -101.6740

Conversions

Conversions Part 2

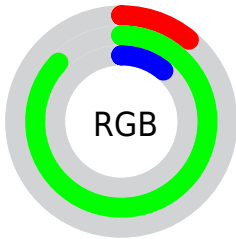
Format	Color
R _Y B	28, 222, 223
Decimal	1892125
CIE Lab	78.00, -75.87, 71.77
CIE LCh	78, 104.442, 136.591
Yxy	53.2120, 0.3004, 0.5887
Android (android.graphics.Color)	4280082205 (0xFF1CDF1D)
YUV	142.5790, -55.9944, -100.4858
Hunter-Lab	72.9466, -61.2161, 42.9182

Details

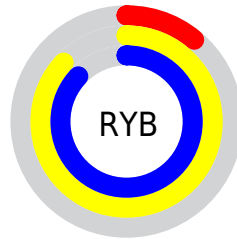
The CIELCh color **78, 104.442, 136.591** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **54, 101.111, 328.278**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 91.507, 136.644**, and **59, 86.858, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **78, 107.633, 136.128**, and if you desaturate by 10%, it is **78, 98.369, 137.411**.

Distribution



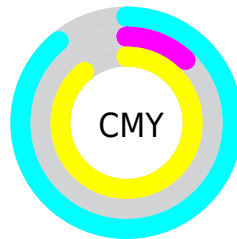
- Red (11%)
- Green (87%)
- Blue (11%)



- Red (11%)
- Yellow (87%)
- Blue (87%)



- Cyan (87%)
- Magenta (0%)
- Yellow (87%)
- Black (12%)





- Cyan (89%)
- Magenta (12%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 104.442, 136.591 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 78, 104.442, 136.591 by changing the saturation by 10% instead.


 78, 104.442,
136.591


 78, 104.442,
136.591


 100, 104.442,
136.591


 68, 104.442,
136.591


 98, 104.442,
136.591

 58, 104.442,
136.591

 48, 104.442,
136.591

 38, 104.442,
136.591

 28, 104.442,
136.591

 18, 104.442,
136.591

 8, 104.442,

136.591

■ 0, 104.442,
136.591

■ 78, 104.442,
136.591

■ 78, 104.442,
136.591

■ 78, 107.633,
136.128

■ 78, 98.369,
137.411

■ 78, 108.234,
136.042

■ 79, 89.642,
138.469

■ 80, 78.801,
139.617

■ 81, 66.415,
140.740

■ 82, 52.992,
141.771

■ 84, 38.951,
142.682

■ 85, 24.627,
143.472

■ 87, 10.276,
144.157

■ 90, 3.915, 324.625

Harmonies

Complementary

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



78, 104.442, 136.591



54, 101.111, 328.278

Rectangle

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



78, 104.442, 136.591



78, 104.442, 186.591



78, 104.442, 316.591



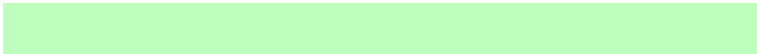
78, 104.442, 6.591

Sweetspot

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



78, 104.442, 136.592



94, 41.444, 142.770



86, 84.458, 103.101



50, 28.072, 142.470



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 104.442, 136.592



88, 119.714, 136.038



79, 74.655, 151.702



46, 8.119, 144.012



63, 90.600, 136.051



16, 35.185, 139.546

Inverse Universe

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



54, 101.111, 328.278



60, 115.194, 328.397



50, 74.622, 357.614



44, 8.132, 325.048



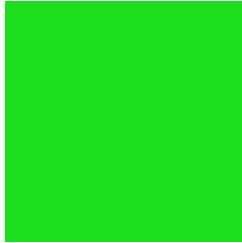
42, 87.214, 328.393



8, 35.829, 328.363

Previews

White Background



This preview shows how the CIELCh color 78, 104.442, 136.591 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 78, 104.442, 136.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

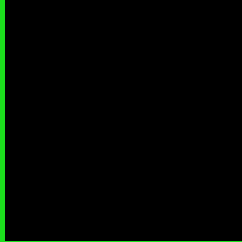
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 104.442, 136.591

Background



This preview shows how black text looks on a background with the CIELCh color 78, 104.442, 136.591.



This preview shows how white text looks on a background with the CIELCh color 78, 104.442, 136.591.

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

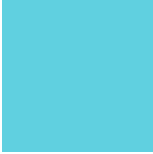
78, 104.442, 136.591

Protanopia

77, 76.764, 95.013

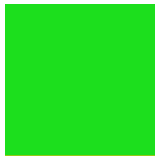
Deuteranopia

77, 68.800, 81.436



Tritanopia
78, 32.470, 212.770

Trichromacy



Original Color

78, 104.442, 136.591



Protanomaly

75, 83.070, 119.423



Deuteranomaly

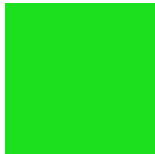
74, 72.817, 114.756



Tritanomaly

77, 55.556, 159.748

Monochromacy



Original Color

78, 104.442, 136.591



Achromatopsia

59, 0.008, 296.813



Achromatomaly

64, 47.074, 141.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 104.442, 136.591 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(28, 223, 29)` looks like.

```
.text, #text, p{  
    color:rgb(28, 223, 29)  
}
```

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(28, 223, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 223, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 104.442, 136.591 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(28, 223, 29) }
```

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

```
.border{ border-color:rgb(28, 223, 29) }
```

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

Here you see how a box with a 4 pixel rgb(28, 223, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 223, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 223, 29);  
box-shadow:4px 4px 4px 4px rgb(28, 223,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 104.442, 136.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 223, 29) }
```

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

```
.background{ background-color: rgb(28, 223,  
29) }
```

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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