

Converting Colors

CIELCh(79, 92.781, 141.822)

Have a look what the booklet for
CIELCh(79, 92.781, 141.822)
contains.

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Color

CIELCh(79, 92.492, 141.896)

Conversions

Conversions Part 1

Format	Color
Hex	1FE14F
RGB	31, 225, 79
RGB Percent	12%, 88%, 31%
CMY	0.8783, 0.1161, 0.6887
CMYK	0.86, 0.00, 0.65, 0.12
HSL	135°, 77%, 50%
HSV	135°, 86%, 88%
XYZ	29.0244, 54.9284, 16.5414
YIQ	150.3500, -68.7580, -86.5340

Conversions

Conversions Part 2

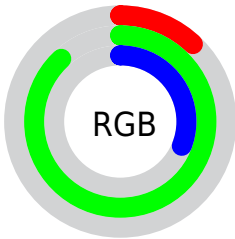
Format	Color
R_{YB}	31, 187, 225
Decimal	2089295
CIE _{Lab}	79.00, -72.78, 57.08
CIE _{LCh}	79, 92.492, 141.896
Yxy	54.9284, 0.2888, 0.5466
Android (android.graphics.Color)	4280279375 (0xFF1FE14F)
YUV	150.3500, -35.1755, -104.6700
Hunter-Lab	74.1137, -59.7947, 38.6467

Details

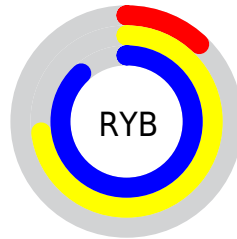
The CIELCh color **79, 92.492, 141.896** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **52, 85.332, 339.539**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 77.478, 143.227**, and **60, 85.559, 137.001** is the 20% darker color. If you saturate the color by 10%, you get **79, 98.531, 140.086**, and if you desaturate by 10%, it is **79, 84.978, 143.675**.

Distribution



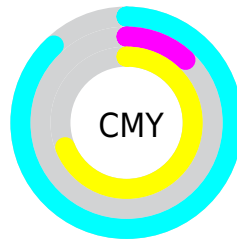
- Red (12%)
- Green (88%)
- Blue (31%)



- Red (12%)
- Yellow (73%)
- Blue (88%)



- Cyan (86%)
- Magenta (0%)
- Yellow (65%)
- Black (12%)





- Cyan (88%)
- Magenta (12%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 92.492, 141.896 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, 92.492, 141.896 by changing the saturation by 10% instead.


 79, 92.492,
141.896

 79, 92.492,
141.896


 100, 92.492,
141.896


 69, 92.492,
141.896


 99, 92.492,
141.896

 59, 92.492,
141.896

 49, 92.492,
141.896

 39, 92.492,
141.896

 29, 92.492,
141.896

 19, 92.492,
141.896

 9, 92.492, 141.896

■ 0, 92.492, 141.896

■ 79, 92.492,
141.896

■ 79, 92.492,
141.896

■ 79, 98.531,
140.086

■ 79, 84.978,
143.675

■ 79, 100.471,
139.461

■ 80, 76.127,
145.333

■ 81, 66.138,
146.828

■ 82, 55.251,
148.147

■ 83, 43.716,
149.295

■ 85, 31.776,
150.291

■ 86, 19.645,
151.155

■ 88, 7.500, 151.926

■ 90, 4.519, 332.445

Harmonies

Complementary

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



79, 92.492, 141.896



52, 85.332, 339.539

Rectangle

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



79, 92.492, 141.896



79, 92.492, 191.896



79, 92.492, 321.896



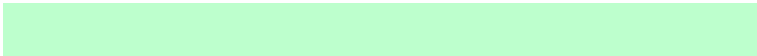
79, 92.492, 11.896

Sweetspot

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



79, 92.492, 141.896



95, 34.813, 150.295



84, 87.127, 115.651



50, 23.580, 149.965



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, 92.492, 141.896



88, 110.622, 139.333



80, 57.928, 167.137



46, 6.828, 151.683



63, 82.884, 139.774



16, 30.955, 144.183

Inverse Universe

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



52, 85.332, 339.539



57, 95.210, 341.605



49, 75.075, 17.487



44, 6.855, 332.875



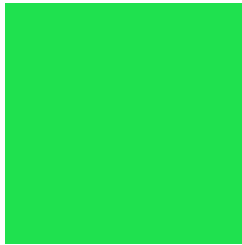
39, 72.371, 341.214



7, 30.373, 338.621

Previews

White Background



This preview shows how the CIE LCh color 79, 92.492, 141.896 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, 92.492, 141.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

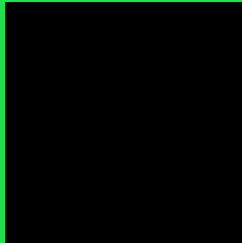
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 92.492, 141.896

Background



This preview shows how black text looks on a background with the CIELCh color 79, 92.492, 141.896.

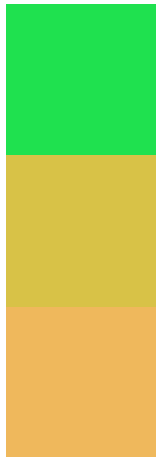


This preview shows how white text looks on a background with the CIELCh color 79, 92.492, 141.896.

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

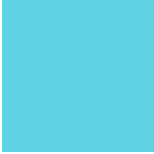
79, 92.439, 141.861

Protanopia

78, 62.462, 95.530

Deuteranopia

78, 54.374, 79.232



Tritanopia
79, 33.294, 213.285

Trichromacy



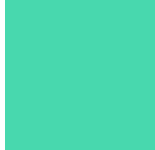
Original Color
79, 92.439, 141.861



Protanomaly
76, 69.109, 123.695



Deuteranomaly
76, 58.945, 119.639



Tritanomaly
78, 49.038, 168.685

Monochromacy



Original Color
79, 92.439, 141.861



Achromatopsia
62, 0.008, 296.813



Achromatomaly
67, 39.488, 149.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 92.492, 141.896 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(31, 225, 79)` looks like.

```
.text, #text, p{  
    color:rgb(31, 225, 79)  
}
```

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(31, 225, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 225, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 92.492, 141.896 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(31, 225, 79) }
```

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

```
.border{ border-color:rgb(31, 225, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 225, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 225, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 225, 79);  
box-shadow:4px 4px 4px 4px rgb(31, 225,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 92.492, 141.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 225, 79) }
```

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

```
.background{ background-color: rgb(31, 225,  
79) }
```

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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