

Converting Colors

CIELCh(79, 91.223, 141.582)

Have a look what the booklet for
CIELCh(79, 91.223, 141.582)
contains.

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Color

CIELCh(79, 91.347, 141.500)

Conversions

Conversions Part 1

Format	Color
Hex	2BE150
RGB	43, 225, 80
RGB Percent	17%, 88%, 31%
CMY	0.8315, 0.1177, 0.6863
CMYK	0.81, 0.00, 0.64, 0.12
HSL	132°, 75%, 53%
HSV	132°, 81%, 88%
XYZ	29.3599, 54.9284, 16.6398
YIQ	154.0520, -61.9270, -83.6790

Conversions

Conversions Part 2

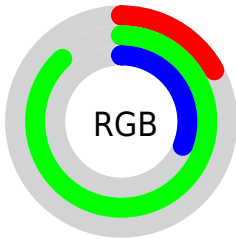
Format	Color
RYB	43, 194, 225
Decimal	2875728
CIELab	79.00, -71.49, 56.86
CIELCh	79, 91.347, 141.500
Yxy	54.9284, 0.2909, 0.5442
Android (android.graphics.Color)	4281065808 (0xFF2BE150)
YUV	154.0520, -36.5076, -97.3926
Hunter-Lab	74.1137, -58.9867, 38.5680

Details

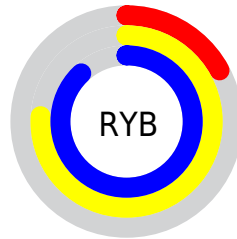
The CIELCh color **79, 91.347, 141.500** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **53, 85.970, 336.523**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 76.276, 142.758**, and **60, 85.238, 137.157** is the 20% darker color. If you saturate the color by 10%, you get **79, 98.120, 139.828**, and if you desaturate by 10%, it is **80, 82.983, 143.136**.

Distribution



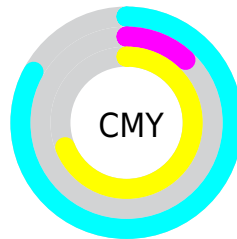
- Red (17%)
- Green (88%)
- Blue (31%)



- Red (17%)
- Yellow (76%)
- Blue (88%)



- Cyan (81%)
- Magenta (0%)
- Yellow (64%)
- Black (12%)





- Cyan (83%)
- Magenta (12%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 91.347, 141.500 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, 91.347, 141.500 by changing the saturation by 10% instead.


 79, 91.347,
141.500


 79, 91.347,
141.500


 100, 91.347,
141.500


 69, 91.347,
141.500

 99, 91.347,
141.500

 59, 91.347,
141.500

 49, 91.347,
141.500

 39, 91.347,
141.500

 29, 91.347,
141.500

 19, 91.347,
141.500

 9, 91.347, 141.500

■ 0, 91.347, 141.500

■ 79, 91.347,
141.500

■ 79, 91.347,
141.500

■ 79, 98.120,
139.828

■ 80, 82.983,
143.136

■ 78, 102.823,
138.423

■ 80, 73.256,
144.657

■ 81, 62.434,
146.023

■ 82, 50.798,
147.223

■ 84, 38.623,
148.266

■ 85, 26.153,
149.167

■ 87, 13.596,
149.951

■ 89, 1.115, 150.895

■ 92, 11.168,
331.138

Harmonies

Complementary

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



79, 91.347, 141.500



53, 85.970, 336.523

Rectangle

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



79, 91.347, 141.500



79, 91.347, 191.500



79, 91.347, 321.500



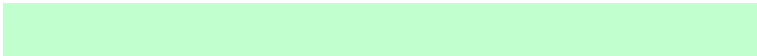
79, 91.347, 11.500

Sweetspot

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



79, 91.347, 141.500



95, 33.239, 148.888



84, 83.653, 113.833



50, 22.826, 148.564



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, 91.347, 141.500



88, 111.818, 138.740



80, 57.977, 165.522



46, 7.057, 150.059



63, 85.014, 138.697



16, 31.749, 143.184

Inverse Universe

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



53, 85.970, 336.523



58, 98.346, 338.264



50, 71.438, 12.189



44, 7.080, 331.209



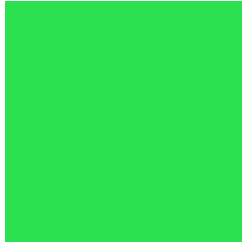
40, 74.769, 338.321



7, 31.306, 336.358

Previews

White Background



This preview shows how the CIE LCh color 79, 91.347, 141.500 looks on a white background.

Color Contrast Check

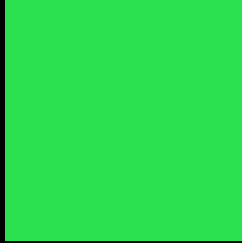
Large Text (above 18pt) WCAG AA × Fail

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, 91.347, 141.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

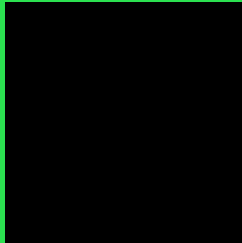
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

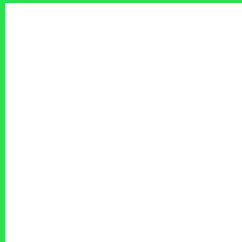
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 91.347, 141.500

Background



This preview shows how black text looks on a background with the CIELCh color 79, 91.347, 141.500.

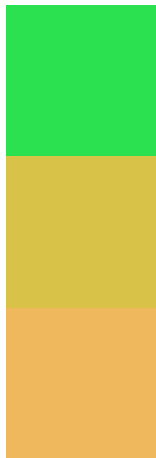


This preview shows how white text looks on a background with the CIELCh color 79, 91.347, 141.500.

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, 91.347, 141.500

Protanopia
78, 62.462, 95.530

Deuteranopia
78, 53.936, 79.071



Tritanopia
79, 32.752, 213.589

Trichromacy



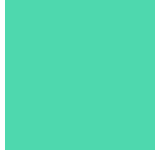
Original Color
79, 91.347, 141.500



Protanomaly
77, 68.562, 122.510



Deuteranomaly
76, 57.982, 117.872



Tritanomaly
78, 48.114, 168.196

Monochromacy



Original Color
79, 91.347, 141.500



Achromatopsia
64, 0.008, 296.813



Achromatomaly
68, 38.304, 147.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 91.347, 141.500 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(43, 225, 80)` looks like.

```
.text, #text, p{  
    color:rgb(43, 225, 80)  
}
```

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(43, 225, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 225, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 91.347, 141.500 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(43, 225, 80) }
```

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

```
.border{ border-color:rgb(43, 225, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 225, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 225, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 225, 80);  
box-shadow:4px 4px 4px 4px rgb(43, 225,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 91.347, 141.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 225, 80) }
```

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

```
.background{ background-color: rgb(43, 225,  
80) }
```

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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