

Converting Colors

CIELCh(79, 88.333, 144.488)

Have a look what the booklet for
CIELCh(79, 88.333, 144.488)
contains.

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Color

CIELCh(79, 88.142, 144.545)

Conversions

Conversions Part 1

Format	Color
Hex	15E15D
RGB	21, 225, 93
RGB Percent	8%, 88%, 36%
CMY	0.9182, 0.1167, 0.6344
CMYK	0.91, 0.00, 0.59, 0.12
HSL	141°, 83%, 48%
HSV	141°, 91%, 88%
XYZ	29.2795, 54.9284, 19.4643
YIQ	148.9560, -79.2120, -84.3000

Conversions

Conversions Part 2

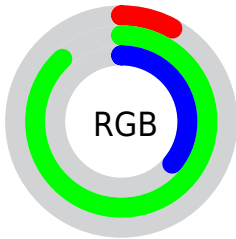
Format	Color
RYB	21, 172, 225
Decimal	1433949
CIELab	79.00, -71.80, 51.13
CIELCh	79, 88.142, 144.545
Yxy	54.9284, 0.2824, 0.5298
Android (android.graphics.Color)	4279624029 (0xFF15E15D)
YUV	148.9560, -27.5863, -112.2174
Hunter-Lab	74.1137, -59.1805, 36.3084

Details

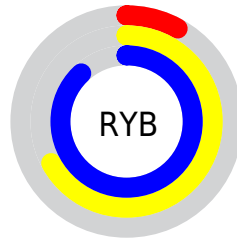
The CIELCh color **79, 88.142, 144.545** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **51, 80.726, 347.168**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 73.089, 146.659**, and **60, 80.759, 139.424** is the 20% darker color. If you saturate the color by 10%, you get **79, 93.322, 142.635**, and if you desaturate by 10%, it is **79, 81.541, 146.566**.

Distribution



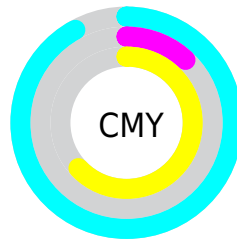
- Red (8%)
- Green (88%)
- Blue (36%)



- Red (8%)
- Yellow (67%)
- Blue (88%)



- Cyan (91%)
- Magenta (0%)
- Yellow (59%)
- Black (12%)




- Cyan (92%)
- Magenta (12%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 88.142, 144.545 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, 88.142, 144.545 by changing the saturation by 10% instead.

 79, 88.142,
144.545

 79, 88.142,
144.545


 100, 88.142,
144.545

 69, 88.142,
144.545

 99, 88.142,
144.545

 59, 88.142,
144.545

 49, 88.142,
144.545

 39, 88.142,
144.545

 29, 88.142,
144.545

 19, 88.142,
144.545

 9, 88.142, 144.545

0, 88.142, 144.545

79, 88.142,
144.545

79, 88.142,
144.545

79, 93.322,
142.635

79, 81.541,
146.566

80, 73.821,
148.424

81, 65.068,
150.087

82, 55.432,
151.552

83, 45.106,
152.832

84, 34.296,
153.948

■ 86, 23.201,
154.923

■ 88, 11.994,
155.789

■ 89, 0.818, 156.980

Harmonies

Complementary

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



79, 88.142, 144.545



51, 80.726, 347.168

Rectangle

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



79, 88.142, 144.545



79, 88.142, 194.545



79, 88.142, 324.545



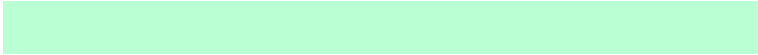
79, 88.142, 14.545

Sweetspot

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



79, 88.142, 144.545



95, 33.359, 154.309



82, 91.759, 121.420



50, 22.446, 153.960



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, 88.142, 144.545



88, 102.861, 142.480



81, 51.762, 177.448



46, 6.316, 155.896



63, 76.948, 143.007



16, 28.783, 147.310

Inverse Universe

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



51, 80.726, 347.168



56, 89.065, 349.631



48, 82.213, 29.106



44, 6.358, 337.204



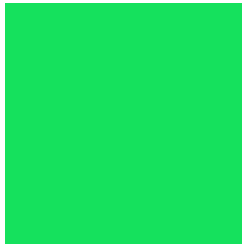
39, 67.726, 348.961



7, 28.423, 344.631

Previews

White Background



This preview shows how the CIELCh color 79, 88.142, 144.545 looks on a white background.

Color Contrast Check

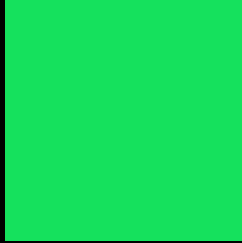
Large Text (above 18pt) WCAG AA × Fail

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, 88.142, 144.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

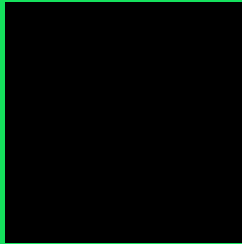
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 88.142, 144.545

Background



This preview shows how black text looks on a background with the CIELCh color 79, 88.142, 144.545.

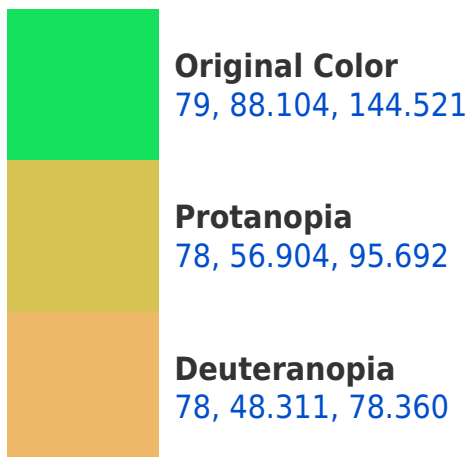


This preview shows how white text looks on a background with the CIELCh color 79, 88.142, 144.545.

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





Tritanopia
79, 33.992, 212.905

Trichromacy



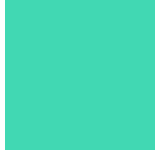
Original Color
79, 88.104, 144.521



Protanomaly
76, 64.702, 127.097



Deuteranomaly
76, 53.916, 123.995



Tritanomaly
78, 48.424, 171.817

Monochromacy



Original Color
79, 88.104, 144.521



Achromatopsia
62, 0.008, 296.813



Achromatomaly
66, 38.340, 152.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 88.142, 144.545 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(21, 225, 93)` looks like.

```
.text, #text, p{  
    color:rgb(21, 225, 93)  
}
```

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(21, 225, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 225, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 88.142, 144.545 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(21, 225, 93) }
```

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

```
.border{ border-color:rgb(21, 225, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 225, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 225, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 225, 93);  
box-shadow:4px 4px 4px 4px rgb(21, 225,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 88.142, 144.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 225, 93) }
```

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

```
.background{ background-color: rgb(21, 225,  
93) }
```

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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