

Converting Colors

CIELCh(79, 81.392, 139.573)

Have a look what the booklet for
CIELCh(79, 81.392, 139.573)
contains.

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Color

CIELCh(79, 81.510, 139.515)

Conversions

Conversions Part 1

Format	Color
Hex	58DE5A
RGB	88, 222, 90
RGB Percent	35%, 87%, 35%
CMY	0.6558, 0.1302, 0.6478
CMYK	0.60, 0.00, 0.60, 0.13
HSL	121°, 67%, 61%
HSV	121°, 60%, 87%
XYZ	31.9043, 54.9284, 18.5501
YIQ	166.8860, -37.4920, -69.4600

Conversions

Conversions Part 2

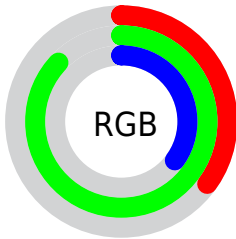
Format	Color
R_{YB}	88, 220, 222
Decimal	5824090
CIE Lab	79.00, -61.99, 52.92
CIE LCh	79, 81.510, 139.515
Yxy	54.9284, 0.3027, 0.5212
Android (android.graphics.Color)	4284014170 (0xFF58DE5A)
YUV	166.8860, -37.9048, -69.1830
Hunter-Lab	74.1137, -52.8588, 37.0398

Details

The CIELCh color **79, 81.510, 139.515** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **60, 80.521, 327.933**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 67.635, 139.839**, and **59, 80.968, 138.939** is the 20% darker color. If you saturate the color by 10%, you get **78, 91.699, 138.352**, and if you desaturate by 10%, it is **80, 69.663, 140.671**.

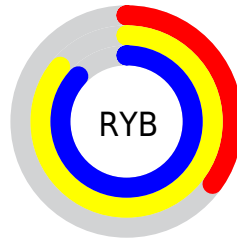
Distribution



Red (35%)

Green (87%)

Blue (35%)



Red (35%)

Yellow (86%)

Blue (87%)

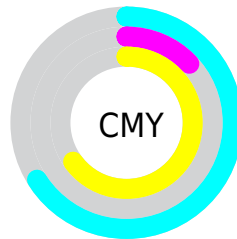


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (13%)



Cyan (66%)


Magenta (13%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 81.510, 139.515 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, 81.510, 139.515 by changing the saturation by 10% instead.


 79, 81.510,
139.515

 79, 81.510,
139.515


 100, 81.510,
139.515


 69, 81.510,
139.515


 99, 81.510,
139.515

 59, 81.510,
139.515

 49, 81.510,
139.515

 39, 81.510,
139.515

 29, 81.510,
139.515

 19, 81.510,
139.515

 9, 81.510, 139.515

0, 81.510, 139.515

79, 81.510,
139.515

79, 81.510,
139.515

78, 91.699,
138.352

80, 69.663,
140.671

78, 99.674,
137.305

81, 56.665,
141.744

77, 104.962,
136.520

83, 42.946,
142.699

77, 107.537,
136.115

84, 28.858,
143.529

86, 14.672,
144.245

88, 0.593, 145.302

■ 91, 13.236,
325.311

■ 92, 20.782,
325.147

Harmonies

Complementary

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



79, 81.510, 139.515



60, 80.521, 327.933

Rectangle

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



79, 81.510, 139.515



79, 81.510, 189.515



79, 81.510, 319.515



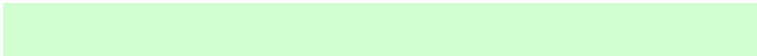
79, 81.510, 9.515

Sweetspot

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



79, 81.511, 139.515



96, 28.455, 143.702



86, 65.896, 104.583



51, 19.786, 143.479



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, 81.511, 139.515



89, 104.966, 138.004



80, 56.403, 156.783



45, 7.907, 144.312



62, 89.410, 136.150



15, 33.466, 140.480

Inverse Universe

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



60, 80.521, 327.933



64, 102.508, 328.376



57, 59.547, 350.790



43, 7.919, 325.349



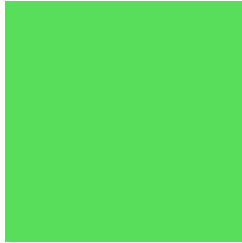
41, 85.526, 328.845



7, 34.193, 328.675

Previews

White Background



This preview shows how the CIE LCh color 79, 81.510, 139.515 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, 81.510, 139.515 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

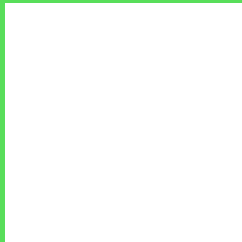
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 81.510, 139.515

Background



This preview shows how black text looks on a background with the CIELCh color 79, 81.510, 139.515.

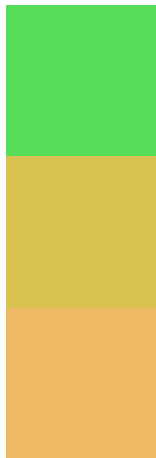


This preview shows how white text looks on a background with the CIELCh color 79, 81.510, 139.515.

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, 81.510, 139.515

Protanopia
78, 57.859, 95.311

Deuteranopia
78, 50.787, 78.898

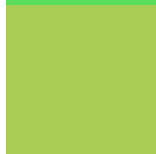


Tritanopia
79, 27.401, 217.237

Trichromacy



Original Color
79, 81.510, 139.515



Protanomaly
77, 61.707, 118.411



Deuteranomaly
77, 52.718, 112.207



Tritanomaly
78, 39.998, 166.905

Monochromacy



Original Color
79, 81.510, 139.515



Achromatopsia
68, 0.008, 296.813



Achromatomaly
71, 32.112, 143.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 81.510, 139.515 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(88, 222, 90)` looks like.

```
.text, #text, p{  
    color:rgb(88, 222, 90)  
}
```

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(88, 222, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 222, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 81.510, 139.515 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(88, 222, 90) }
```

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

```
.border{ border-color:rgb(88, 222, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 222, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 222, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 222, 90);  
box-shadow:4px 4px 4px 4px rgb(88, 222,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 81.510, 139.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 222, 90) }
```

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

```
.background{ background-color: rgb(88, 222,  
90) }
```

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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