

Converting Colors

CIELCh(79, 81.607, 138.600)

Have a look what the booklet for
CIELCh(79, 81.607, 138.600)
contains.

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Color

CIELCh(79, 81.517, 138.503)

Conversions

Conversions Part 1

Format	Color
Hex	5CDD57
RGB	92, 221, 87
RGB Percent	36%, 87%, 34%
CMY	0.6374, 0.1317, 0.6573
CMYK	0.58, 0.00, 0.61, 0.13
HSL	118°, 67%, 61%
HSV	118°, 61%, 87%
XYZ	32.1636, 54.9284, 18.0077
YIQ	167.1530, -33.8700, -69.0220

Conversions

Conversions Part 2

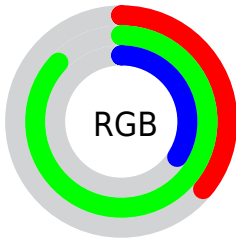
Format	Color
RYB	87, 221, 216
Decimal	6085975
CIELab	79.00, -61.06, 54.01
CIELCh	79, 81.517, 138.503
Yxy	54.9284, 0.3060, 0.5226
Android (android.graphics.Color)	4284276055 (0xFF5CDD57)
YUV	167.1530, -39.5154, -65.9092
Hunter-Lab	74.1137, -52.2341, 37.4737

Details

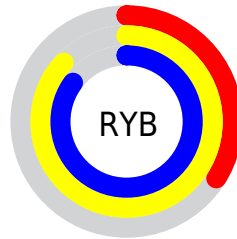
The CIELCh color **79, 81.517, 138.503** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **59, 80.958, 326.290**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 68.310, 138.569**, and **59, 81.543, 138.453** is the 20% darker color. If you saturate the color by 10%, you get **78, 91.734, 137.506**, and if you desaturate by 10%, it is **80, 69.645, 139.534**.

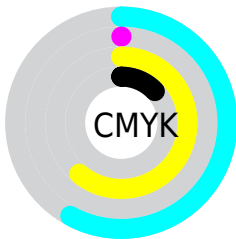
Distribution



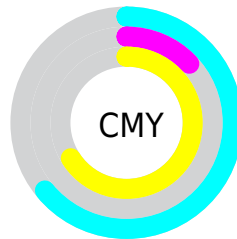
- Red (36%)
- Green (87%)
- Blue (34%)



- Red (34%)
- Yellow (87%)
- Blue (85%)



- Cyan (58%)
- Magenta (0%)
- Yellow (61%)
- Black (13%)





- Cyan (64%)
- Magenta (13%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 81.517, 138.503 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, 81.517, 138.503 by changing the saturation by 10% instead.


 79, 81.517,
138.503

 79, 81.517,
138.503


 100, 81.517,
138.503


 69, 81.517,
138.503


 99, 81.517,
138.503

 59, 81.517,
138.503

 49, 81.517,
138.503

 39, 81.517,
138.503

 29, 81.517,
138.503

 19, 81.517,
138.503

 9, 81.517, 138.503

■ 0, 81.517, 138.503

■ 79, 81.517,
138.503

■ 79, 81.517,
138.503

■ 78, 91.734,
137.506

■ 80, 69.645,
139.534

■ 78, 99.709,
136.671

■ 81, 56.645,
140.514

■ 77, 104.941,
136.136

■ 83, 42.949,
141.399

■ 77, 107.476,
135.891

■ 84, 28.901,
142.177

■ 86, 14.763,
142.853

■ 88, 0.730, 143.771

90, 13.063,
323.863

92, 21.014,
325.155

Harmonies

Complementary

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



79, 81.517, 138.503



59, 80.958, 326.290

Rectangle

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



79, 81.517, 138.503



79, 81.517, 188.503



79, 81.517, 318.503



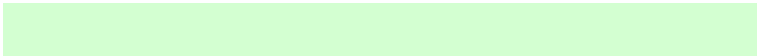
79, 81.517, 8.503

Sweetspot

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



79, 81.518, 138.504



96, 28.397, 142.347



84, 63.274, 102.098



51, 19.746, 142.138



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, 81.518, 138.504



89, 105.055, 137.228



80, 58.968, 154.312



45, 7.891, 142.922



62, 89.494, 135.847



15, 33.365, 139.520

Inverse Universe

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



59, 80.958, 326.290



63, 103.377, 326.625



57, 61.041, 347.622



43, 7.908, 323.903



40, 86.708, 326.752



7, 34.426, 326.878

Previews

White Background



This preview shows how the CIELCh color 79, 81.517, 138.503 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, 81.517, 138.503 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, 81.517, 138.503

Background



This preview shows how black text looks on a background with the CIELCh color 79, 81.517, 138.503.

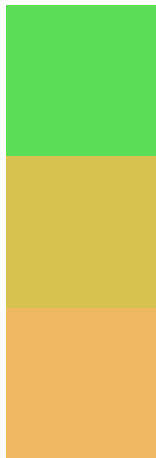


This preview shows how white text looks on a background with the CIELCh color 79, 81.517, 138.503.

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, 81.517, 138.503

Protanopia
78, 59.149, 95.382

Deuteranopia
78, 51.901, 78.838

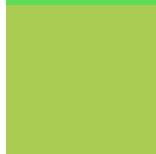


Tritanopia
79, 26.635, 216.620

Trichromacy



Original Color
79, 81.517, 138.503



Protanomaly
78, 62.757, 117.340



Deuteranomaly
77, 53.492, 110.685



Tritanomaly
79, 39.779, 164.995

Monochromacy



Original Color
79, 81.517, 138.503



Achromatopsia
69, 0.009, 296.813



Achromatomaly
72, 31.467, 141.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 81.517, 138.503 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(92, 221, 87)` looks like.

```
.text, #text, p{  
    color:rgb(92, 221, 87)  
}
```

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(92, 221, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 221, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 81.517, 138.503 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(92, 221, 87) }
```

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

```
.border{ border-color:rgb(92, 221, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 221, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 221, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 221, 87);  
box-shadow:4px 4px 4px 4px rgb(92, 221,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 81.517, 138.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 221, 87) }
```

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

```
.background{ background-color: rgb(92, 221,  
87) }
```

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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