

Converting Colors

CIELCh(79, 81.087, 138.912)

Have a look what the booklet for
CIELCh(79, 81.087, 138.912)
contains.

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Color

CIELCh(79, 80.792, 138.852)

Conversions

Conversions Part 1

Format	Color
Hex	5CDD59
RGB	92, 221, 89
RGB Percent	36%, 87%, 35%
CMY	0.6376, 0.1319, 0.6496
CMYK	0.58, 0.00, 0.60, 0.13
HSL	119°, 66%, 61%
HSV	119°, 60%, 87%
XYZ	32.2241, 54.9284, 18.4292
YIQ	167.3810, -34.5120, -68.4000

Conversions

Conversions Part 2

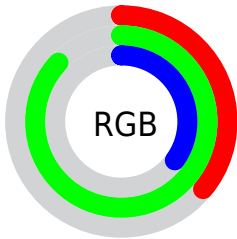
Format	Color
RYB	89, 221, 218
Decimal	6085977
CIELab	79.00, -60.84, 53.16
CIElCh	79, 80.792, 138.852
Yxy	54.9284, 0.3052, 0.5202
Android (android.graphics.Color)	4284276057 (0xFF5CDD59)
YUV	167.3810, -38.6418, -66.1091
Hunter-Lab	74.1137, -52.0886, 37.1365

Details

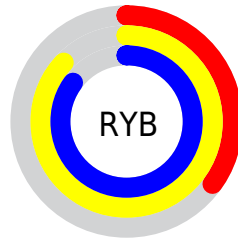
The CIELCh color **79, 80.792, 138.852** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **59, 80.141, 326.715**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 67.497, 139.008**, and **59, 80.796, 138.841** is the 20% darker color. If you saturate the color by 10%, you get **78, 91.156, 137.801**, and if you desaturate by 10%, it is **80, 68.795, 139.920**.

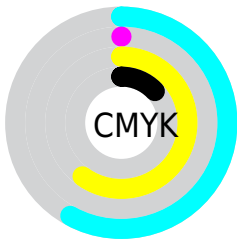
Distribution



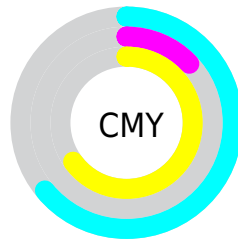
- Red (36%)
- Green (87%)
- Blue (35%)



- Red (35%)
- Yellow (87%)
- Blue (85%)



- Cyan (58%)
- Magenta (0%)
- Yellow (60%)
- Black (13%)




- Cyan (64%)
- Magenta (13%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 80.792, 138.852 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, 80.792, 138.852 by changing the saturation by 10% instead.


 79, 80.792,
138.852

 79, 80.792,
138.852


 100, 80.792,
138.852


 69, 80.792,
138.852


 99, 80.792,
138.852

 59, 80.792,
138.852

 49, 80.792,
138.852

 39, 80.792,
138.852

 29, 80.792,
138.852

 19, 80.792,
138.852

 9, 80.792, 138.852

0, 80.792, 138.852

79, 80.792,
138.852

79, 80.792,
138.852

78, 91.156,
137.801

80, 68.795,
139.920

78, 99.301,
136.891

81, 55.686,
140.923

77, 104.717,
136.268

83, 41.897,
141.823

77, 107.449,
135.951

84, 27.772,
142.610

77, 107.527,
135.939

86, 13.571,
143.292

88, 0.510, 323.307

■ 91, 14.336,
324.306

■ 92, 21.049,
325.157

Harmonies

Complementary

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



79, 80.792, 138.852



59, 80.141, 326.715

Rectangle

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



79, 80.792, 138.852



79, 80.792, 188.852



79, 80.792, 318.852



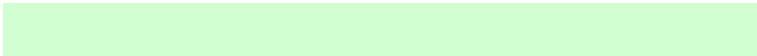
79, 80.792, 8.852

Sweetspot

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



79, 80.793, 138.853



96, 28.533, 142.718



85, 63.325, 103.025



51, 19.840, 142.504



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, 80.793, 138.853



89, 104.373, 137.513



80, 57.370, 155.250



45, 7.928, 143.306



62, 89.574, 135.912



15, 33.502, 139.796

Inverse Universe

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



59, 80.141, 326.715



64, 102.588, 327.085



57, 59.786, 348.511



43, 7.943, 324.306



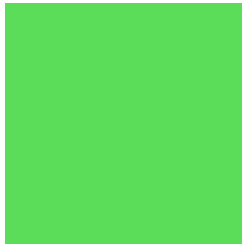
40, 86.638, 327.321



7, 34.480, 327.380

Previews

White Background



This preview shows how the CIELCh color 79, 80.792, 138.852 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, 80.792, 138.852 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, 80.792, 138.852

Background



This preview shows how black text looks on a background with the CIELCh color 79, 80.792, 138.852.

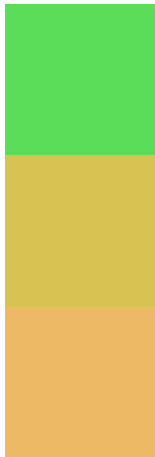


This preview shows how white text looks on a background with the CIELCh color 79, 80.792, 138.852.

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, 80.792, 138.852

Protanopia

78, 58.292, 95.336

Deuteranopia

78, 50.787, 78.898



Tritanopia
79, 26.635, 216.620

Trichromacy



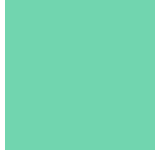
Original Color
79, 80.792, 138.852



Protanomaly
78, 61.923, 117.570



Deuteranomaly
77, 52.617, 111.308



Tritanomaly
79, 39.442, 165.616

Monochromacy



Original Color
79, 80.792, 138.852



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, 80.792, 138.852 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, 89)` looks like.

```
.text, #text, p{  
    color:rgb(92, 221, 89)  
}
```

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, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 221, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 80.792, 138.852 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, 89) }
```

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

```
.border{ border-color:rgb(92, 221, 89) }
```

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, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 221, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 221, 89);  
box-shadow:4px 4px 4px 4px rgb(92, 221,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 80.792, 138.852 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, 89) }
```

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

```
.background{ background-color: rgb(92, 221,  
89) }
```

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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