

Converting Colors

CIELCh(80, 81.821, 139.207)

Have a look what the booklet for
CIELCh(80, 81.821, 139.207)
contains.

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Color

CIELCh(80, 82.065, 139.125)

Conversions

Conversions Part 1

Format	Color
Hex	5CE15B
RGB	92, 225, 91
RGB Percent	36%, 88%, 36%
CMY	0.6406, 0.1189, 0.6443
CMYK	0.59, 0.00, 0.60, 0.12
HSL	120°, 69%, 62%
HSV	120°, 60%, 88%
XYZ	33.0899, 56.6813, 19.0260
YIQ	169.9570, -36.2540, -69.8700

Conversions

Conversions Part 2

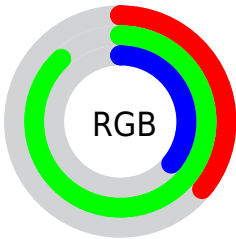
Format	Color
RYB	91, 225, 224
Decimal	6087003
CIELab	80.00, -62.05, 53.70
CIELCh	80, 82.065, 139.125
Yxy	56.6813, 0.3041, 0.5210
Android (android.graphics.Color)	4284277083 (0xFF5CE15B)
YUV	169.9570, -38.9258, -68.3683
Hunter-Lab	75.2870, -53.2984, 37.7175

Details

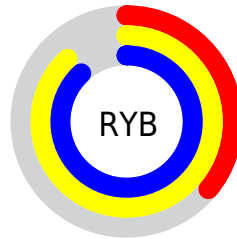
The CIELCh color **80, 82.065, 139.125** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted green. A complement of this color would be **60, 81.256, 327.222**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 66.501, 139.249**, and **60, 81.568, 139.001** is the 20% darker color. If you saturate the color by 10%, you get **79, 92.517, 138.020**, and if you desaturate by 10%, it is **81, 69.923, 140.238**.

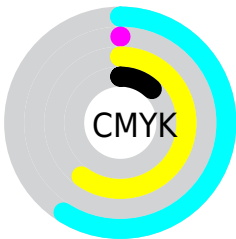
Distribution



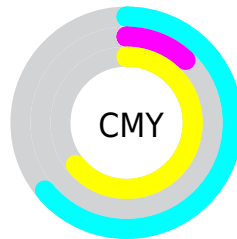
- Red (36%)
- Green (88%)
- Blue (36%)



- Red (36%)
- Yellow (88%)
- Blue (88%)



- Cyan (59%)
- Magenta (0%)
- Yellow (60%)
- Black (12%)





- Cyan (64%)
- Magenta (12%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 82.065, 139.125 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 80, 82.065, 139.125 by changing the saturation by 10% instead.


 80, 82.065,
139.125


 80, 82.065,
139.125


 100, 82.065,
139.125


 70, 82.065,
139.125

 60, 82.065,
139.125

 50, 82.065,
139.125

 40, 82.065,
139.125

 30, 82.065,
139.125

 20, 82.065,
139.125

 10, 82.065,

139.125

■ 0, 82.065, 139.125

■ 80, 82.065,
139.125

■ 80, 82.065,
139.125

■ 79, 92.517,
138.020

■ 81, 69.923,
140.238

■ 79, 100.686,
137.050

■ 82, 56.622,
141.277

■ 78, 106.064,
136.363

■ 84, 42.610,
142.206

■ 78, 108.736,
136.005

■ 85, 28.242,
143.014

■ 78, 108.817,
135.993

■ 87, 13.792,
143.713

■ 90, 0.535, 323.754

■ 92, 14.599,
324.751

■ 93, 18.966,
325.083

Harmonies

Complementary

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



80, 82.065, 139.125



60, 81.256, 327.222

Rectangle

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



80, 82.065, 139.125



80, 82.065, 189.125



80, 82.065, 319.125



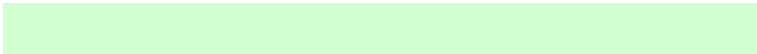
80, 82.065, 9.125

Sweetspot

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



80, 82.066, 139.126



96, 28.685, 143.126



87, 64.952, 103.844



51, 19.946, 142.906



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 82.066, 139.126



89, 104.676, 137.721



81, 57.198, 156.062



46, 8.123, 143.725



63, 90.640, 135.985



16, 35.191, 139.354

Inverse Universe

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



60, 81.256, 327.222



64, 102.683, 327.618



58, 59.990, 349.574



44, 8.136, 324.751



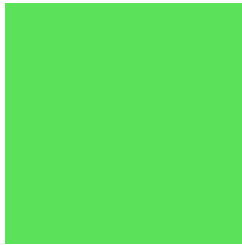
42, 87.514, 327.958



8, 35.925, 327.996

Previews

White Background



This preview shows how the CIELCh color 80, 82.065, 139.125 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 80, 82.065, 139.125 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 80, 82.065, 139.125

Background



This preview shows how black text looks on a background with the CIELCh color 80, 82.065, 139.125.

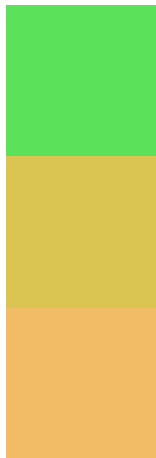


This preview shows how white text looks on a background with the CIELCh color 80, 82.065, 139.125.

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
80, 82.065, 139.125

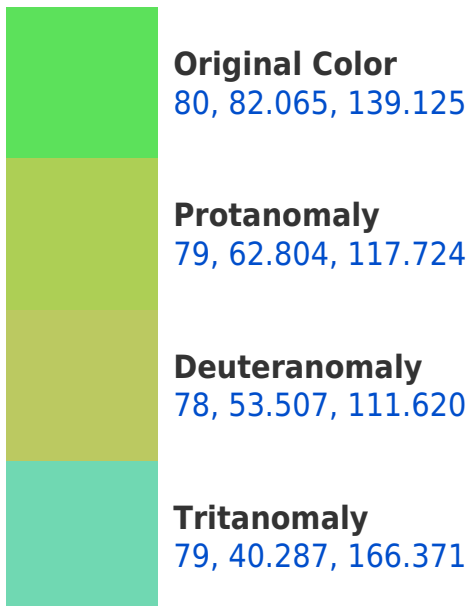
Protanopia
79, 59.096, 95.477

Deuteranopia
79, 51.586, 78.311

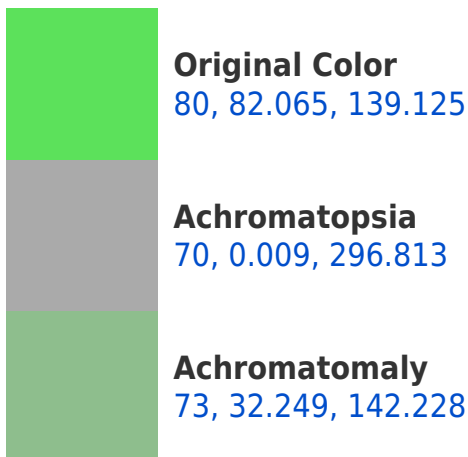


Tritanopia
80, 27.413, 217.186

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 82.065, 139.125 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, 225, 91)` looks like.

```
.text, #text, p{  
    color:rgb(92, 225, 91)  
}
```

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, 225, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 225, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 82.065, 139.125 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, 225, 91) }
```

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

```
.border{ border-color:rgb(92, 225, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 225, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 225, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 225, 91);  
box-shadow:4px 4px 4px 4px rgb(92, 225,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 82.065, 139.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 225, 91) }
```

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

```
.background{ background-color: rgb(92, 225,  
91) }
```

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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