

Converting Colors

CIELCh(78, 79.457, 139.712)

Have a look what the booklet for
CIELCh(78, 79.457, 139.712)
contains.

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Color

CIELCh(78, 79.137, 139.805)

Conversions

Conversions Part 1

Format	Color
Hex	58DA5B
RGB	88, 218, 91
RGB Percent	35%, 85%, 36%
CMY	0.6531, 0.1435, 0.6417
CMYK	0.60, 0.00, 0.58, 0.14
HSL	121°, 64%, 60%
HSV	121°, 60%, 86%
XYZ	31.1488, 53.2120, 18.6113
YIQ	164.6520, -36.7130, -67.0570

Conversions

Conversions Part 2

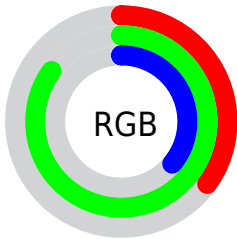
Format	Color
RYB	88, 215, 218
Decimal	5823067
CIELab	78.00, -60.45, 51.07
CIElCh	78, 79.137, 139.805
Yxy	53.2120, 0.3025, 0.5168
Android (android.graphics.Color)	4284013147 (0xFF58DA5B)
YUV	164.6520, -36.3104, -67.2238
Hunter-Lab	72.9466, -51.4355, 35.9356

Details

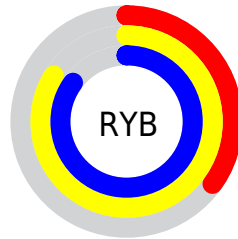
The CIELCh color **78, 79.137, 139.805** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **59, 78.200, 328.117**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 67.412, 140.265**, and **58, 78.692, 139.386** is the 20% darker color. If you saturate the color by 10%, you get **77, 89.383, 138.622**, and if you desaturate by 10%, it is **79, 67.337, 140.964**.

Distribution



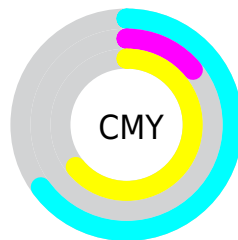
- Red (35%)
- Green (85%)
- Blue (36%)



- Red (35%)
- Yellow (84%)
- Blue (85%)



- Cyan (60%)
- Magenta (0%)
- Yellow (58%)
- Black (14%)





- Cyan (65%)
- Magenta (14%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 79.137, 139.805 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 78, 79.137, 139.805 by changing the saturation by 10% instead.


 78, 79.137,
139.805


 78, 79.137,
139.805


 100, 79.137,
139.805


 68, 79.137,
139.805


 98, 79.137,
139.805

 58, 79.137,
139.805

 48, 79.137,
139.805

 38, 79.137,
139.805

 28, 79.137,
139.805

 18, 79.137,
139.805

 8, 79.137, 139.805

0, 79.137, 139.805

78, 79.137,
139.805

78, 79.137,
139.805

77, 89.383,
138.622

79, 67.337,
140.964

77, 97.544,
137.529

80, 54.465,
142.030

76, 103.141,
136.669

82, 40.929,
142.975

76, 106.066,
136.179

83, 27.063,
143.794

76, 106.173,
136.164

85, 13.124,
144.502

87, 0.695, 324.667

■ 90, 14.257,
325.552

■ 91, 22.912,
325.222

Harmonies

Complementary

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



78, 79.137, 139.805



59, 78.200, 328.117

Rectangle

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



78, 79.137, 139.805



78, 79.137, 189.805



78, 79.137, 319.805



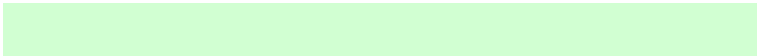
78, 79.137, 9.805

Sweetspot

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



78, 79.138, 139.805



96, 28.315, 143.895



85, 64.248, 105.473



51, 19.689, 143.672



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 79.138, 139.805



89, 102.634, 138.378



79, 54.168, 157.808



45, 7.868, 144.506



62, 89.273, 136.213



15, 33.344, 140.596

Inverse Universe

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



59, 78.200, 328.117



64, 100.314, 328.556



56, 57.629, 351.706



43, 7.880, 325.545



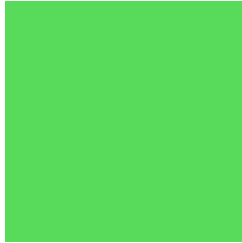
41, 85.047, 329.141



7, 34.023, 328.916

Previews

White Background



This preview shows how the CIE LCh color 78, 79.137, 139.805 looks on a white background.

Color Contrast Check

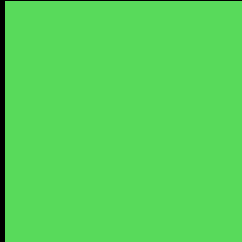
Large Text (above 18pt) WCAG AA × Fail

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 78, 79.137, 139.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

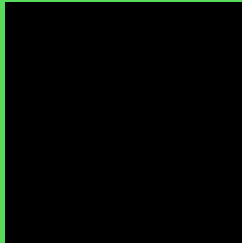
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 79.137, 139.805

Background



This preview shows how black text looks on a background with the CIELCh color 78, 79.137, 139.805.

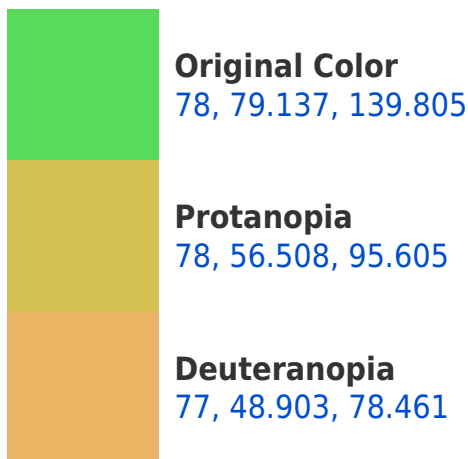


This preview shows how white text looks on a background with the CIELCh color 78, 79.137, 139.805.

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
78, 26.939, 217.657

Trichromacy



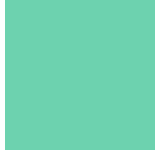
Original Color
78, 79.137, 139.805



Protanomaly
77, 60.374, 118.400



Deuteranomaly
76, 50.423, 112.197



Tritanomaly
78, 38.721, 167.616

Monochromacy



Original Color
78, 79.137, 139.805



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 30.878, 143.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 79.137, 139.805 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, 218, 91)` looks like.

```
.text, #text, p{  
    color:rgb(88, 218, 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(88, 218, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 218, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 79.137, 139.805 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, 218, 91) }
```

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

```
.border{ border-color:rgb(88, 218, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 218, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 218, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 218, 91);  
box-shadow:4px 4px 4px 4px rgb(88, 218,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 79.137, 139.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 218, 91) }
```

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

```
.background{ background-color: rgb(88, 218,  
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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