

Converting Colors

CIELCh(79, 53.461, 159.238)

Have a look what the booklet for
CIELCh(79, 53.461, 159.238)
contains.

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Color

CIELCh(79, 53.461, 159.238)

Conversions

Conversions Part 1

Format	Color
Hex	57DB9F
RGB	87, 219, 159
RGB Percent	34%, 86%, 62%
CMY	0.6607, 0.1429, 0.3781
CMYK	0.60, 0.00, 0.27, 0.14
HSL	153°, 64%, 60%
HSV	153°, 60%, 86%
XYZ	35.3266, 54.9284, 41.3573
YIQ	172.6920, -59.4120, -46.6440

Conversions

Conversions Part 2

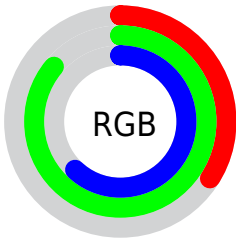
Format	Color
RYB	87, 172, 219
Decimal	5757855
CIELab	79.00, -49.99, 18.95
CIELCh	79, 53.461, 159.238
Yxy	54.9284, 0.2684, 0.4173
Android (android.graphics.Color)	4283947935 (0xFF57DB9F)
YUV	172.6920, -6.7502, -75.1519
Hunter-Lab	74.1137, -44.6163, 18.7942

Details

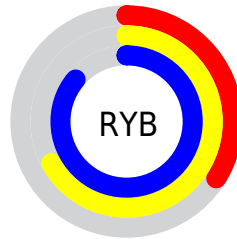
The CIELCh color **79, 53.461, 159.238** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **56, 57.679, 353.859**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 41.311, 166.021**, and **59, 53.142, 158.798** is the 20% darker color. If you saturate the color by 10%, you get **78, 60.397, 157.525**, and if you desaturate by 10%, it is **80, 45.737, 160.752**.

Distribution



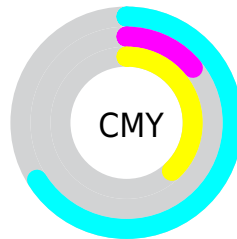
- Red (34%)
- Green (86%)
- Blue (62%)



- Red (34%)
- Yellow (67%)
- Blue (86%)



- Cyan (60%)
- Magenta (0%)
- Yellow (27%)
- Black (14%)





- Cyan (66%)
- Magenta (14%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 53.461, 159.238 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, 53.461, 159.238 by changing the saturation by 10% instead.


 79, 53.461,
159.238


 79, 53.461,
159.238


 100, 53.461,
159.238


 69, 53.461,
159.238


 99, 53.461,
159.238

 59, 53.461,
159.238

 49, 53.461,
159.238

 39, 53.461,
159.238

 29, 53.461,
159.238

 19, 53.461,
159.238

 9, 53.461, 159.238

■ 0, 53.461, 159.238

■ 79, 53.461,
159.238

■ 79, 53.461,
159.238

■ 78, 60.397,
157.525

■ 80, 45.737,
160.752

■ 78, 66.457,
155.600

■ 81, 37.357,
162.093

■ 77, 71.631,
153.463

■ 82, 28.479,
163.286

■ 77, 75.905,
151.292

■ 84, 19.264,
164.357

■ 85, 9.857, 165.337

■ 87, 0.386, 167.331

■ 89, 9.047, 346.908

■ 91, 16.491,
343.049

■ 91, 19.951,
331.197

Harmonies

Complementary

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



79, 53.461, 159.238



56, 57.679, 353.859

Rectangle

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



79, 53.461, 159.238



79, 53.461, 209.238



79, 53.461, 339.238



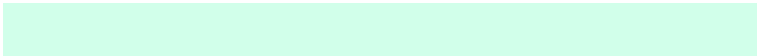
79, 53.461, 29.238

Sweetspot

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



79, 53.462, 159.237



96, 19.268, 164.584



80, 71.423, 127.575



51, 13.370, 164.287



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, 53.462, 159.237



90, 69.445, 157.118



79, 35.781, 200.766



45, 5.388, 165.430



62, 63.370, 151.686



16, 23.278, 156.443

Inverse Universe

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



56, 57.679, 353.859



60, 74.379, 356.736



55, 57.134, 29.441



43, 5.471, 346.971



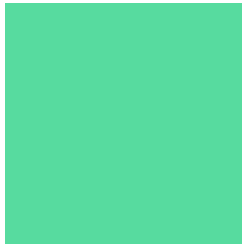
37, 63.227, 6.162



6, 24.658, 357.687

Previews

White Background



This preview shows how the CIELCh color 79, 53.461, 159.238 looks on a white background.

Color Contrast Check

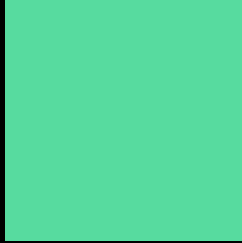
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 53.461, 159.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

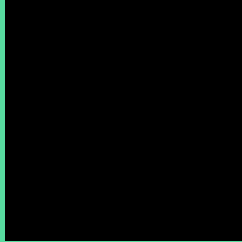
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 53.461, 159.238

Background



This preview shows how black text looks on a background with the CIELCh color 79, 53.461, 159.238.

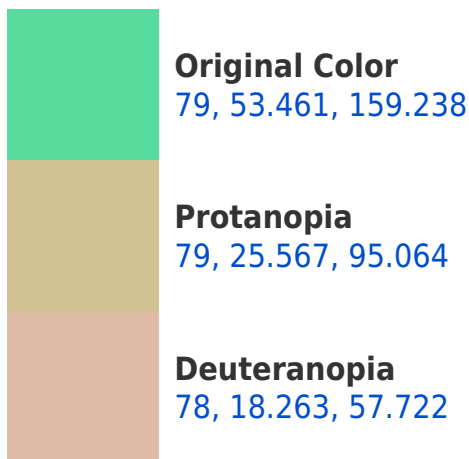


This preview shows how white text looks on a background with the CIELCh color 79, 53.461, 159.238.

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
79, 30.412, 215.030

Trichromacy



Original Color
79, 53.461, 159.238



Protanomaly
78, 31.426, 136.051



Deuteranomaly
77, 21.006, 135.394



Tritanomaly
79, 34.847, 187.135

Monochromacy



Original Color
79, 53.461, 159.238



Achromatopsia
70, 0.009, 296.813



Achromatomaly
73, 21.297, 163.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 53.461, 159.238 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(87, 219, 159)` looks like.

```
.text, #text, p{  
    color:rgb(87, 219, 159)  
}
```

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(87, 219, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 219, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 53.461, 159.238 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(87, 219, 159) }
```

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

```
.border{ border-color:rgb(87, 219, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 219, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 219, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 219, 159);  
box-shadow:4px 4px 4px 4px rgb(87, 219,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 53.461, 159.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 219, 159) }
```

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

```
.background{ background-color: rgb(87, 219,  
159) }
```

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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