

Converting Colors

CIELCh(79, 75.817, 143.551)

Have a look what the booklet for
CIELCh(79, 75.817, 143.551)
contains.

CIELCh(79, 75.991, 143.578)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(79, 75.991, 143.578)

Conversions

Conversions Part 1

Format	Color
Hex	52DE6B
RGB	82, 222, 107
RGB Percent	32%, 87%, 42%
CMY	0.6797, 0.1305, 0.5814
CMYK	0.63, 0.00, 0.52, 0.13
HSL	131°, 68%, 59%
HSV	131°, 63%, 87%
XYZ	32.1382, 54.9284, 22.7483
YIQ	167.0300, -46.5250, -65.4450

Conversions

Conversions Part 2

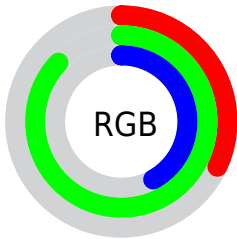
Format	Color
RYB	82, 201, 222
Decimal	5430891
CIELab	79.00, -61.15, 45.12
CIELCh	79, 75.991, 143.578
Yxy	54.9284, 0.2927, 0.5002
Android (android.graphics.Color)	4283620971 (0xFF52DE6B)
YUV	167.0300, -29.5948, -74.5713
Hunter-Lab	74.1137, -52.2954, 33.6812

Details

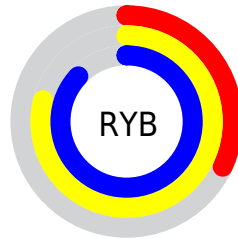
The CIELCh color **79, 75.991, 143.578** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **58, 74.597, 333.977**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 61.696, 145.089**, and **59, 74.858, 142.321** is the 20% darker color. If you saturate the color by 10%, you get **78, 85.432, 142.066**, and if you desaturate by 10%, it is **80, 65.351, 144.956**.

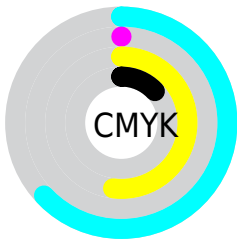
Distribution



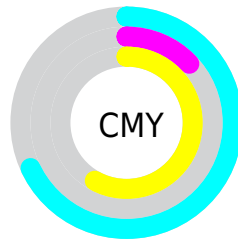
- Red (32%)
- Green (87%)
- Blue (42%)



- Red (32%)
- Yellow (79%)
- Blue (87%)



- Cyan (63%)
- Magenta (0%)
- Yellow (52%)
- Black (13%)





- Cyan (68%)
- Magenta (13%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 75.991, 143.578 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, 75.991, 143.578 by changing the saturation by 10% instead.


 79, 75.991,
143.578


 79, 75.991,
143.578


 100, 75.991,
143.578


 69, 75.991,
143.578


 99, 75.991,
143.578

 59, 75.991,
143.578

 49, 75.991,
143.578

 39, 75.991,
143.578

 29, 75.991,
143.578

 19, 75.991,
143.578

 9, 75.991, 143.578

■ 0, 75.991, 143.578

■ 79, 75.991,
143.578

■ 79, 75.991,
143.578

■ 78, 85.432,
142.066

■ 80, 65.351,
144.956

■ 78, 93.386,
140.476

■ 81, 53.811,
146.177

■ 78, 99.606,
138.905

■ 82, 41.658,
147.241

■ 77, 102.836,
137.957

■ 84, 29.156,
148.160

■ 86, 16.525,
148.956

■ 88, 3.941, 149.696

■ 90, 8.464, 330.158

■ 92, 19.732,
327.384

■ 92, 20.826,
325.149

Harmonies

Complementary

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



79, 75.991, 143.578



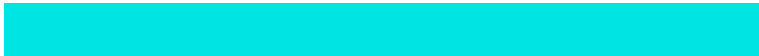
58, 74.597, 333.977

Rectangle

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



79, 75.991, 143.578



79, 75.991, 193.578



79, 75.991, 323.578



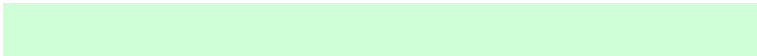
79, 75.991, 13.578

Sweetspot

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



79, 75.992, 143.578



96, 26.772, 148.493



84, 69.066, 112.489



51, 18.434, 148.256



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, 75.992, 143.578



89, 98.184, 141.525



80, 50.060, 166.249



45, 7.048, 149.229



62, 85.072, 138.214



15, 30.757, 143.383

Inverse Universe

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



58, 74.597, 333.977



61, 93.672, 334.980



55, 58.504, 3.351



43, 7.068, 330.357



39, 75.332, 336.860



6, 30.466, 335.079

Previews

White Background



This preview shows how the CIELCh color 79, 75.991, 143.578 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, 75.991, 143.578 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, 75.991, 143.578

Background



This preview shows how black text looks on a background with the CIELCh color 79, 75.991, 143.578.

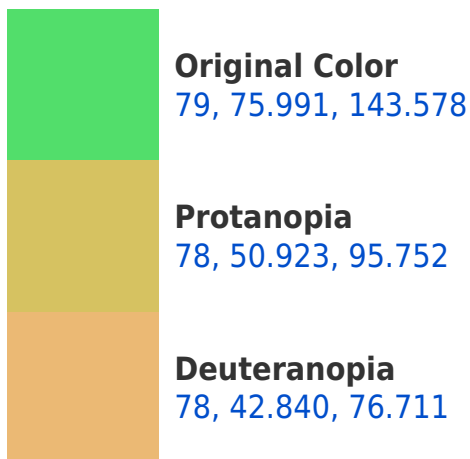


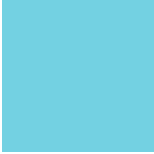
This preview shows how white text looks on a background with the CIELCh color 79, 75.991, 143.578.

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, 28.941, 216.054

Trichromacy



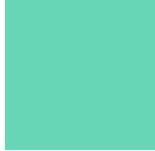
Original Color
79, 75.991, 143.578



Protanomaly
77, 55.072, 121.795



Deuteranomaly
77, 44.929, 116.120



Tritanomaly
79, 39.613, 171.797

Monochromacy



Original Color
79, 75.991, 143.578



Achromatopsia
68, 0.008, 296.813



Achromatomaly
71, 29.940, 147.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 75.991, 143.578 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(82, 222, 107)` looks like.

```
.text, #text, p{  
    color:rgb(82, 222, 107)  
}
```

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(82, 222, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 222, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 75.991, 143.578 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(82, 222, 107) }
```

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

```
.border{ border-color:rgb(82, 222, 107) }
```

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

Here you see how a box with a 4 pixel rgb(82, 222, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 222, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 222, 107);  
box-shadow:4px 4px 4px 4px rgb(82, 222,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 75.991, 143.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 222, 107) }
```

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

```
.background{ background-color: rgb(82, 222,  
107) }
```

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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