

Converting Colors

CIELCh(78, 52.502, 157.309)

Have a look what the booklet for
CIELCh(78, 52.502, 157.309)
contains.

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Color

CIELCh(78, 52.313, 157.518)

Conversions

Conversions Part 1

Format	Color
Hex	5CD79A
RGB	92, 215, 154
RGB Percent	36%, 84%, 60%
CMY	0.6392, 0.1568, 0.3961
CMYK	0.57, 0.00, 0.28, 0.16
HSL	150°, 61%, 60%
HSV	150°, 57%, 84%
XYZ	34.5487, 53.2120, 39.0238
YIQ	171.2690, -53.7270, -45.0470

Conversions

Conversions Part 2

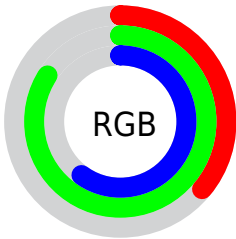
Format	Color
RYB	92, 174, 215
Decimal	6084506
CIELab	78.00, -48.34, 20.00
CIELCh	78, 52.313, 157.518
Yxy	53.2120, 0.2725, 0.4197
Android (android.graphics.Color)	4284274586 (0xFF5CD79A)
YUV	171.2690, -8.5136, -69.5189
Hunter-Lab	72.9466, -43.1159, 19.3445

Details

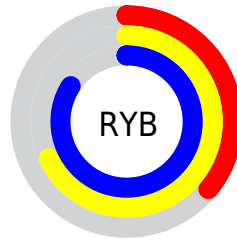
The CIELCh color **78, 52.313, 157.518** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **56, 55.372, 350.455**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 42.255, 162.666**, and **58, 52.027, 157.771** is the 20% darker color. If you saturate the color by 10%, you get **77, 59.802, 155.875**, and if you desaturate by 10%, it is **79, 44.089, 158.966**.

Distribution



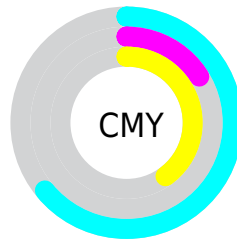
- Red (36%)
- Green (84%)
- Blue (60%)



- Red (36%)
- Yellow (68%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)





- Cyan (64%)
- Magenta (16%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 52.313, 157.518 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, 52.313, 157.518 by changing the saturation by 10% instead.


 78, 52.313,
157.518


 78, 52.313,
157.518


 100, 52.313,
157.518


 68, 52.313,
157.518


 98, 52.313,
157.518

 58, 52.313,
157.518

 48, 52.313,
157.518

 38, 52.313,
157.518

 28, 52.313,
157.518

 18, 52.313,
157.518

 8, 52.313, 157.518

0, 52.313, 157.518

78, 52.313,
157.518

78, 52.313,
157.518

77, 59.802,
155.875

79, 44.089,
158.966

77, 66.441,
154.022

80, 35.278,
160.245

76, 72.182,
151.956

81, 26.045,
161.379

76, 77.077,
149.713

83, 16.550,
162.394

76, 78.364,
149.098

85, 6.933, 163.333

87, 2.687, 343.929

89, 12.217,

344.800

90, 19.062,
339.469

90, 22.987,
328.985

Harmonies

Complementary

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



78, 52.313, 157.518



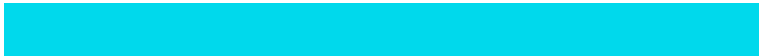
56, 55.372, 350.455

Rectangle

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



78, 52.313, 157.518



78, 52.313, 207.518



78, 52.313, 337.518



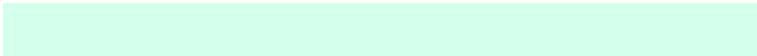
78, 52.313, 27.518

Sweetspot

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



78, 52.314, 157.518



97, 18.776, 162.398



80, 66.552, 126.508



51, 12.552, 162.201



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, 52.314, 157.518



90, 69.970, 155.439



79, 35.405, 196.957



44, 5.444, 163.127



61, 65.493, 149.493



14, 23.259, 154.578

Inverse Universe

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



56, 55.372, 350.455



61, 73.416, 352.939



55, 54.217, 26.797



42, 5.515, 344.614



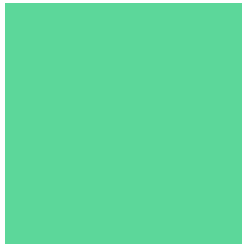
37, 62.765, 2.112



5, 23.488, 354.540

Previews

White Background



This preview shows how the CIE LCh color 78, 52.313, 157.518 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 78, 52.313, 157.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

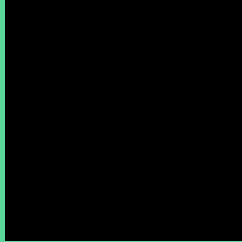
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 52.313, 157.518

Background



This preview shows how black text looks on a background with the CIELCh color 78, 52.313, 157.518.

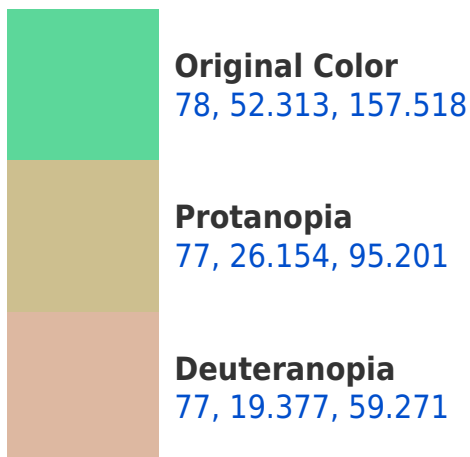


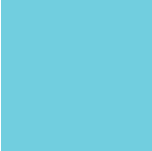
This preview shows how white text looks on a background with the CIELCh color 78, 52.313, 157.518.

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, 28.702, 216.265

Trichromacy



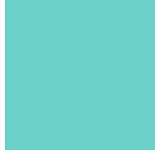
Original Color
78, 52.313, 157.518



Protanomaly
77, 31.441, 133.851



Deuteranomaly
76, 21.377, 130.567



Tritanomaly
78, 33.074, 186.665

Monochromacy



Original Color
78, 52.313, 157.518



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 20.496, 162.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 52.313, 157.518 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, 215, 154)` looks like.

```
.text, #text, p{  
    color:rgb(92, 215, 154)  
}
```

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, 215, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 215, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 52.313, 157.518 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, 215, 154) }
```

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

```
.border{ border-color:rgb(92, 215, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 215, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 215, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 215, 154);  
box-shadow:4px 4px 4px 4px rgb(92, 215,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 52.313, 157.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 215, 154) }
```

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

```
.background{ background-color: rgb(92, 215,  
154) }
```

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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