

Converting Colors

CIELCh(79, 43.552, 148.985)

Have a look what the booklet for
CIELCh(79, 43.552, 148.985)
contains.

CIELCh(79, 43.616, 148.770)	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, 43.616, 148.770)

Conversions

Conversions Part 1

Format	Color
Hex	85D598
RGB	133, 213, 152
RGB Percent	52%, 84%, 60%
CMY	0.4779, 0.1641, 0.4034
CMYK	0.38, 0.00, 0.29, 0.16
HSL	134°, 49%, 68%
HSV	134°, 38%, 84%
XYZ	39.2023, 54.9284, 38.2986
YIQ	182.1260, -28.0990, -35.9310

Conversions

Conversions Part 2

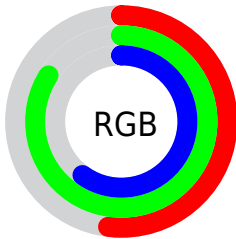
Format	Color
RYB	133, 198, 213
Decimal	8770968
CIELab	79.00, -37.30, 22.61
CIELCh	79, 43.616, 148.770
Yxy	54.9284, 0.2960, 0.4148
Android (android.graphics.Color)	4286961048 (0xFF85D598)
YUV	182.1260, -14.8521, -43.0835
Hunter-Lab	74.1137, -35.2816, 21.2412

Details

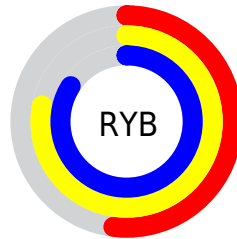
The CIELCh color **79, 43.616, 148.770** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **66, 43.871, 334.438**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 34.037, 151.190**, and **59, 43.589, 148.892** is the 20% darker color. If you saturate the color by 10%, you get **78, 54.676, 147.612**, and if you desaturate by 10%, it is **80, 32.142, 149.774**.

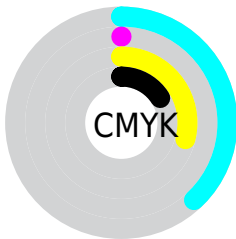
Distribution



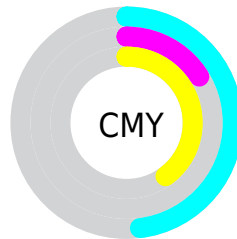
- Red (52%)
- Green (84%)
- Blue (60%)



- Red (52%)
- Yellow (78%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (29%)
- Black (16%)





- Cyan (48%)
- Magenta (16%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 43.616, 148.770 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, 43.616, 148.770 by changing the saturation by 10% instead.


 79, 43.616,
148.770


 79, 43.616,
148.770


 100, 43.616,
148.770


 69, 43.616,
148.770


 99, 43.616,
148.770

 59, 43.616,
148.770

 49, 43.616,
148.770

 39, 43.616,
148.770

 29, 43.616,
148.770

 19, 43.616,
148.770

 9, 43.616, 148.770

■ 0, 43.616, 148.770

■ 79, 43.616,
148.770

■ 79, 43.616,
148.770

■ 78, 54.676,
147.612

■ 80, 32.142,
149.774

■ 77, 65.083,
146.285

■ 82, 20.462,
150.644

■ 76, 74.591,
144.787

■ 84, 8.752, 151.413

■ 75, 82.970,
143.135

■ 86, 2.850, 331.906


■ 75, 90.024,
141.381

■ 88, 14.244,
332.566

■ 75, 95.629,
139.630

■ 90, 24.031,
329.095

■ 90, 26.227,

 75, 96.824,
139.246

325.338

Harmonies

Complementary

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



79, 43.616, 148.770



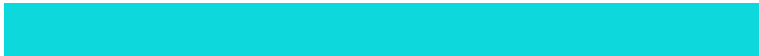
66, 43.871, 334.438

Rectangle

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



79, 43.616, 148.770



79, 43.616, 198.770



79, 43.616, 328.770



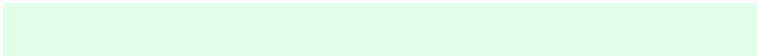
79, 43.616, 18.770

Sweetspot

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



79, 43.617, 148.770



98, 14.807, 151.146



82, 42.004, 116.854



52, 9.956, 151.042



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, 43.617, 148.770



92, 60.020, 147.866



80, 29.488, 174.530



44, 6.625, 151.273



61, 81.564, 139.530



14, 28.432, 145.349

Inverse Universe

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



66, 43.871, 334.438



73, 60.221, 335.045



64, 33.489, 2.822



42, 6.650, 332.447



38, 71.404, 340.436



6, 27.675, 337.714

Previews

White Background



This preview shows how the CIELCh color 79, 43.616, 148.770 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, 43.616, 148.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

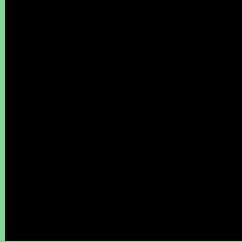
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 43.616, 148.770

Background



This preview shows how black text looks on a background with the CIELCh color 79, 43.616, 148.770.

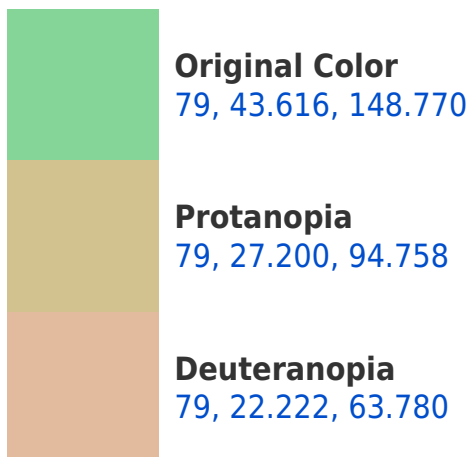


This preview shows how white text looks on a background with the CIELCh color 79, 43.616, 148.770.

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



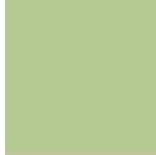


Tritanopia
79, 20.169, 225.211

Trichromacy



Original Color
79, 43.616, 148.770



Protanomaly
78, 29.577, 123.015



Deuteranomaly
78, 21.821, 113.342



Tritanomaly
79, 22.980, 182.818

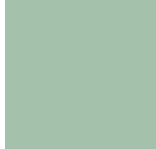
Monochromacy



Original Color
79, 43.616, 148.770



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 16.113, 150.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 43.616, 148.770 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(133, 213, 152)` looks like.

```
.text, #text, p{  
    color:rgb(133, 213, 152)  
}
```

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(133, 213, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 213, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 43.616, 148.770 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(133, 213, 152) }
```

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

```
.border{ border-color:rgb(133, 213, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 213, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 213, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 213, 152);  
box-shadow:4px 4px 4px 4px rgb(133, 213,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 43.616, 148.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 213, 152) }
```

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

```
.background{ background-color: rgb(133,  
213, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor