

Converting Colors

CIELCh(79, 43.602, 163.335)

Have a look what the booklet for
CIELCh(79, 43.602, 163.335)
contains.

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Color

CIELCh(79, 43.741, 163.121)

Conversions

Conversions Part 1

Format	Color
Hex	6BD8AB
RGB	107, 216, 171
RGB Percent	42%, 85%, 67%
CMY	0.5820, 0.1545, 0.3309
CMYK	0.51, 0.00, 0.21, 0.15
HSL	155°, 58%, 63%
HSV	155°, 51%, 85%
XYZ	37.7787, 54.9284, 46.9463
YIQ	178.2790, -50.5190, -37.1030

Conversions

Conversions Part 2

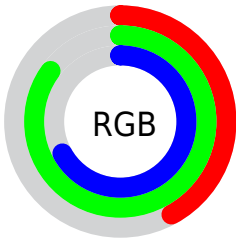
Format	Color
RYB	107, 176, 216
Decimal	7067819
CIELab	79.00, -41.86, 12.70
CIElCh	79, 43.741, 163.121
Yxy	54.9284, 0.2705, 0.3933
Android (android.graphics.Color)	4285257899 (0xFF6BD8AB)
YUV	178.2790, -3.5885, -62.5117
Hunter-Lab	74.1137, -38.7103, 14.3231

Details

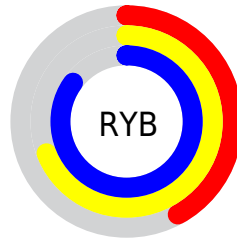
The CIELCh color **79, 43.741, 163.121** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **59, 47.851, 354.795**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.557, 170.819**, and **59, 43.466, 163.482** is the 20% darker color. If you saturate the color by 10%, you get **78, 50.997, 161.609**, and if you desaturate by 10%, it is **80, 35.825, 164.464**.

Distribution



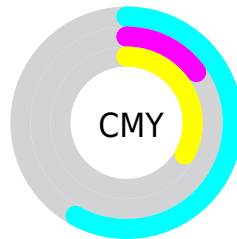
- Red (42%)
- Green (85%)
- Blue (67%)



- Red (42%)
- Yellow (69%)
- Blue (85%)



- Cyan (51%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)





- Cyan (58%)
- Magenta (15%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 43.741, 163.121 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, 43.741, 163.121 by changing the saturation by 10% instead.


 79, 43.741,
163.121


 79, 43.741,
163.121


 100, 43.741,
163.121


 69, 43.741,
163.121


 99, 43.741,
163.121

 59, 43.741,
163.121

 49, 43.741,
163.121

 39, 43.741,
163.121

 29, 43.741,
163.121

 19, 43.741,
163.121

 9, 43.741, 163.121

■ 0, 43.741, 163.121

■ 79, 43.741,
163.121

■ 79, 43.741,
163.121

■ 78, 50.997,
161.609

■ 80, 35.825,
164.464

■ 77, 57.466,
159.905

■ 81, 27.396,
165.665

■ 77, 63.075,
157.992

■ 83, 18.608,
166.750

■ 77, 67.819,
155.867

■ 84, 9.603, 167.749

■ 76, 71.659,
153.737

■ 86, 0.505, 169.510

■ 88, 8.583, 349.365

■ 90, 16.805,
348.480

90, 19.539,
336.858

90, 22.901,
328.462

Harmonies

Complementary

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



79, 43.741, 163.121



59, 47.851, 354.795

Rectangle

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



79, 43.741, 163.121



79, 43.741, 213.121



79, 43.741, 343.121



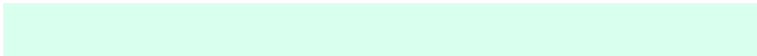
79, 43.741, 33.121

Sweetspot

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



79, 43.742, 163.120



97, 15.603, 167.299



80, 61.012, 129.581



51, 10.634, 167.086



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, 43.742, 163.120



91, 58.677, 161.444



78, 29.982, 206.797



44, 5.134, 167.861



62, 59.799, 154.137



15, 21.447, 159.156

Inverse Universe

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



59, 47.851, 354.795



64, 64.806, 357.028



60, 44.302, 30.721



42, 5.228, 349.440



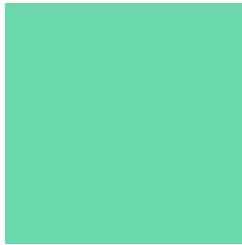
36, 62.673, 10.117



5, 22.810, 359.900

Previews

White Background



This preview shows how the CIELCh color 79, 43.741, 163.121 looks on a white background.

Color Contrast Check

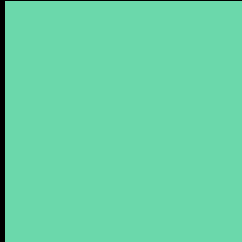
Large Text (above 18pt) WCAG AA × Fail

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, 43.741, 163.121 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, 43.741, 163.121

Background



This preview shows how black text looks on a background with the CIELCh color 79, 43.741, 163.121.

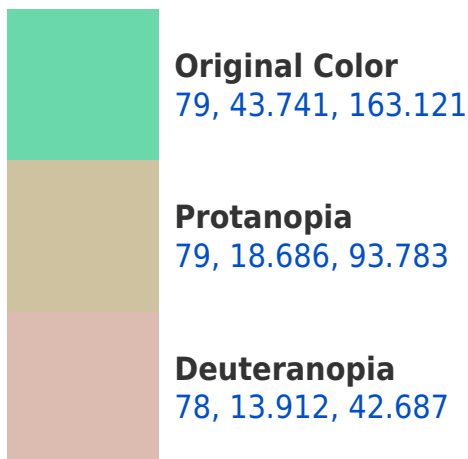


This preview shows how white text looks on a background with the CIELCh color 79, 43.741, 163.121.

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, 27.176, 217.419

Trichromacy



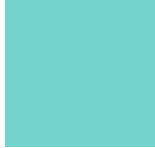
Original Color
79, 43.741, 163.121



Protanomaly
78, 23.637, 139.096



Deuteranomaly
78, 13.605, 138.839

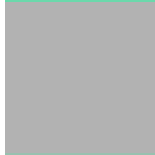


Tritanomaly
79, 30.131, 191.092

Monochromacy



Original Color
79, 43.741, 163.121



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 17.313, 166.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 43.741, 163.121 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(107, 216, 171)` looks like.

```
.text, #text, p{  
    color:rgb(107, 216, 171)  
}
```

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(107, 216, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 216, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 43.741, 163.121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

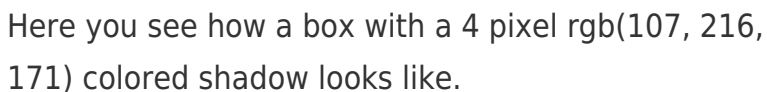
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 216, 171) }
```

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

```
.border{ border-color:rgb(107, 216, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 216, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 216, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 216, 171);  
box-shadow:4px 4px 4px 4px rgb(107, 216,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 43.741, 163.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 216, 171) }
```

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

```
.background{ background-color: rgb(107,  
216, 171) }
```

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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