

Converting Colors

CIELCh(79, 43.078, 156.587)

Have a look what the booklet for
CIELCh(79, 43.078, 156.587)
contains.

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Color

CIELCh(79, 43.104, 156.562)

Conversions

Conversions Part 1

Format	Color
Hex	78D6A2
RGB	120, 214, 162
RGB Percent	47%, 84%, 64%
CMY	0.5279, 0.1593, 0.3633
CMYK	0.44, 0.00, 0.24, 0.16
HSL	147°, 54%, 66%
HSV	147°, 44%, 84%
XYZ	38.4951, 54.9284, 42.9240
YIQ	179.9660, -39.3320, -36.1000

Conversions

Conversions Part 2

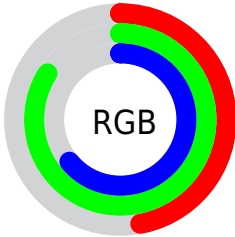
Format	Color
RYB	120, 185, 214
Decimal	7919266
CIELab	79.00, -39.55, 17.14
CIELCh	79, 43.104, 156.562
Yxy	54.9284, 0.2823, 0.4029
Android (android.graphics.Color)	4286109346 (0xFF78D6A2)
YUV	179.9660, -8.8572, -52.5902
Hunter-Lab	74.1137, -36.9850, 17.5409

Details

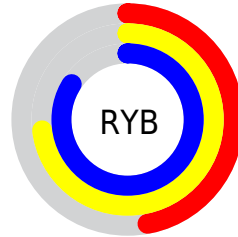
The CIELCh color **79, 43.104, 156.562** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **62, 44.698, 345.049**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.548, 161.723**, and **59, 43.359, 156.311** is the 20% darker color. If you saturate the color by 10%, you get **78, 52.037, 155.191**, and if you desaturate by 10%, it is **80, 33.654, 157.765**.

Distribution



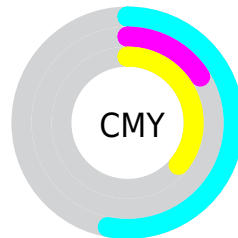
- Red (47%)
- Green (84%)
- Blue (64%)



- Red (47%)
- Yellow (73%)
- Blue (84%)



- Cyan (44%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)





- Cyan (53%)
- Magenta (16%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 43.104, 156.562 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, 43.104, 156.562 by changing the saturation by 10% instead.


 79, 43.104,
156.562


 79, 43.104,
156.562


 100, 43.104,
156.562


 69, 43.104,
156.562


 99, 43.104,
156.562

 59, 43.104,
156.562

 49, 43.104,
156.562

 39, 43.104,
156.562

 29, 43.104,
156.562

 19, 43.104,
156.562

 9, 43.104, 156.562

■ 0, 43.104, 156.562

■ 79, 43.104,
156.562

■ 79, 43.104,
156.562

■ 78, 52.037,
155.191

■ 80, 33.654,
157.765

■ 77, 60.279,
153.631

■ 82, 23.857,
158.828

■ 76, 67.690,
151.864

■ 83, 13.874,
159.777

■ 76, 74.179,
149.888

■ 85, 3.843, 160.689

■ 76, 79.737,
147.726

■ 87, 6.125, 341.267

■ 76, 82.796,
146.377

■ 89, 15.948,
341.989

■ 90, 21.606,

332.853

90, 25.446,
325.311

Harmonies

Complementary

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



79, 43.104, 156.562



62, 44.698, 345.049

Rectangle

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



79, 43.104, 156.562



79, 43.104, 206.562



79, 43.104, 336.562



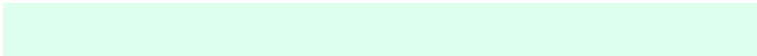
79, 43.104, 26.562

Sweetspot

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



79, 43.105, 156.561



97, 14.990, 159.842



81, 50.985, 124.571



52, 10.490, 159.640



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, 43.105, 156.561



91, 58.995, 155.239



80, 29.929, 190.834



44, 5.677, 160.172



61, 69.340, 146.759



14, 24.518, 151.824

Inverse Universe

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



62, 44.698, 345.049



68, 61.225, 346.327



61, 39.353, 19.040



42, 5.734, 341.587



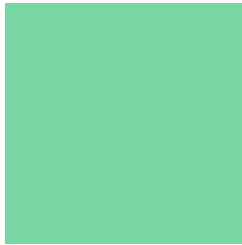
37, 63.642, 356.795



5, 24.137, 350.597

Previews

White Background



This preview shows how the CIELCh color 79, 43.104, 156.562 looks on a white background.

Color Contrast Check

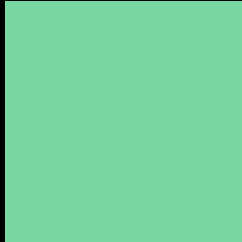
Large Text (above 18pt) WCAG AA × Fail

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, 43.104, 156.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

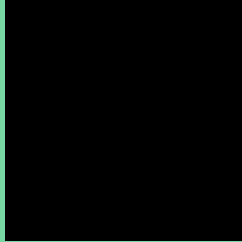
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 43.104, 156.562

Background



This preview shows how black text looks on a background with the CIELCh color 79, 43.104, 156.562.

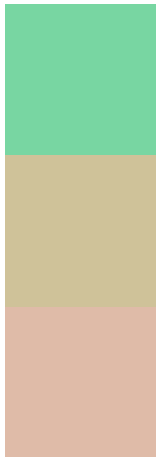


This preview shows how white text looks on a background with the CIELCh color 79, 43.104, 156.562.

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



Original Color

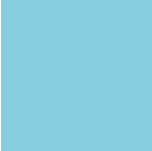
79, 43.104, 156.562

Protanopia

79, 22.387, 94.709

Deuteranopia

78, 17.572, 55.180



Tritanopia
79, 23.653, 220.746

Trichromacy



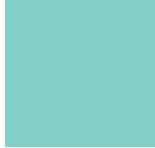
Original Color
79, 43.104, 156.562



Protanomaly
78, 25.771, 129.992



Deuteranomaly
78, 17.040, 123.022

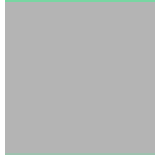


Tritanomaly
79, 26.347, 188.092

Monochromacy



Original Color
79, 43.104, 156.562



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 16.545, 159.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 43.104, 156.562 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(120, 214, 162)` looks like.

```
.text, #text, p{  
    color:rgb(120, 214, 162)  
}
```

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(120, 214, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 214, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 43.104, 156.562 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(120, 214, 162) }
```

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

```
.border{ border-color:rgb(120, 214, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 214, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 214, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 214, 162);  
box-shadow:4px 4px 4px 4px rgb(120, 214,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 43.104, 156.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 214, 162) }
```

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

```
.background{ background-color: rgb(120,  
214, 162) }
```

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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