

Converting Colors

CIELCh(79, 14.740, 198.352)

Have a look what the booklet for
CIELCh(79, 14.740, 198.352)
contains.

CIELCh(79, 14.797, 198.345)	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, 14.797, 198.345)

Conversions

Conversions Part 1

Format	Color
Hex	A1CCCC
RGB	161, 204, 204
RGB Percent	63%, 80%, 80%
CMY	0.3698, 0.2012, 0.2012
CMYK	0.21, 0.00, 0.00, 0.20
HSL	180°, 30%, 71%
HSV	180°, 21%, 80%
XYZ	47.0179, 54.9284, 65.0557
YIQ	191.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

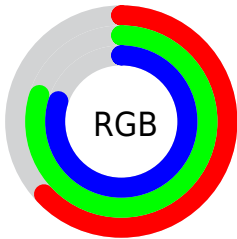
Format	Color
R _{YB}	161, 183, 204
Decimal	10603724
CIE Lab	79.00, -14.04, -4.66
CIE LCh	79, 14.797, 198.345
Yxy	54.9284, 0.2815, 0.3289
Android (android.graphics.Color)	4288793804 (0xFFA1CCCC)
YUV	191.1430, 6.3385, -26.4354
Hunter-Lab	74.1137, -16.4582, -0.1641

Details

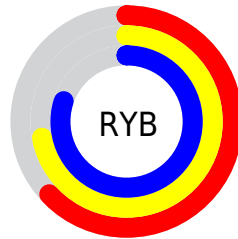
The CIELCh color **79, 14.797, 198.345** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 17.002, 20.929**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 12.771, 198.653**, and **59, 14.968, 198.047** is the 20% darker color. If you saturate the color by 10%, you get **78, 21.033, 197.876**, and if you desaturate by 10%, it is **80, 8.020, 198.871**.

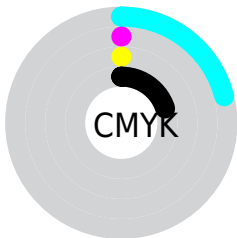
Distribution



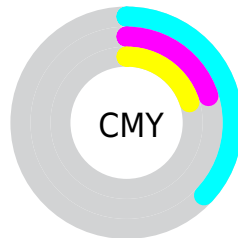
- Red (63%)
- Green (80%)
- Blue (80%)



- Red (63%)
- Yellow (72%)
- Blue (80%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)





- Cyan (37%)
- Magenta (20%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 14.797, 198.345 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, 14.797, 198.345 by changing the saturation by 10% instead.


 79, 14.797,
198.345


 79, 14.797,
198.345


 100, 14.797,
198.345


 69, 14.797,
198.345


 99, 14.797,
198.345

 59, 14.797,
198.345

 49, 14.797,
198.345

 39, 14.797,
198.345

 29, 14.797,
198.345

 19, 14.797,
198.345

 9, 14.797, 198.345

0, 14.797, 198.345

79, 14.797,
198.345

79, 14.797,
198.345

78, 21.033,
197.876

80, 8.020, 198.871

77, 26.608,
197.473

82, 0.817, 200.024

83, 6.702, 19.827

76, 31.411,
197.132

85, 14.444, 20.466

75, 35.356,
196.857

86, 19.394, 20.858

86, 19.394, 20.857

75, 38.388,
196.647

86, 19.394, 20.855

75, 40.501,
196.502

86, 19.394, 20.853

■ 75, 41.750,
196.417

■ 86, 19.394, 20.852

■ 74, 42.312,
196.378

Harmonies

Complementary

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



79, 14.797, 198.345



70, 17.002, 20.929

Rectangle

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



79, 14.797, 198.345



79, 14.797, 248.345



79, 14.797, 18.345



79, 14.797, 68.345

Sweetspot

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



79, 14.798, 198.339



99, 5.264, 199.193



78, 27.959, 142.673



53, 3.486, 199.145



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, 14.798, 198.339



96, 20.731, 198.137



73, 13.405, 256.613



42, 4.119, 198.972



62, 36.302, 196.378



13, 13.514, 196.380

Inverse Universe

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



70, 17.002, 20.929



83, 24.560, 21.360



75, 14.258, 71.029



40, 4.369, 19.921



34, 75.551, 39.821



4, 17.910, 19.402

Previews

White Background



This preview shows how the CIELCh color 79, 14.797, 198.345 looks on a white background.

Color Contrast Check

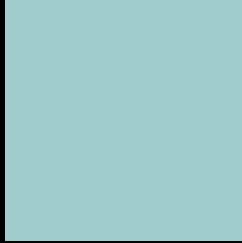
Large Text (above 18pt) WCAG AA × Fail

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, 14.797, 198.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

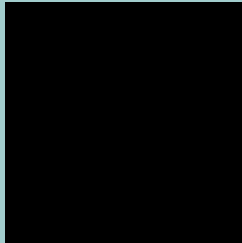
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

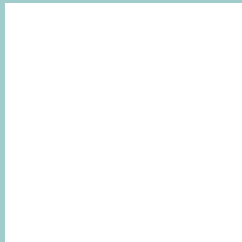
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 14.797, 198.345

Background



This preview shows how black text looks on a background with the CIELCh color 79, 14.797, 198.345.

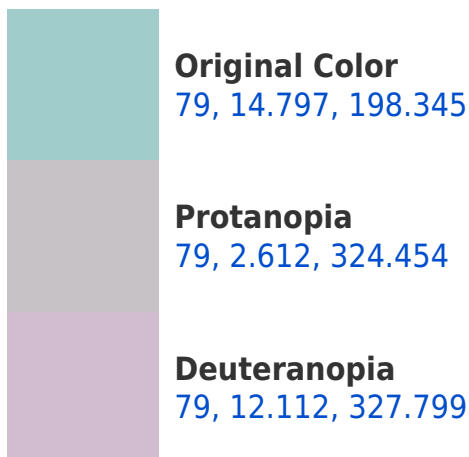


This preview shows how white text looks on a background with the CIELCh color 79, 14.797, 198.345.

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, 15.074, 233.366

Trichromacy



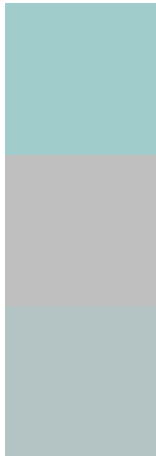
Original Color
79, 14.797, 198.345

Protanomaly
79, 5.111, 211.227

Deuteranomaly
79, 6.492, 281.281

Tritanomaly
79, 14.376, 220.441

Monochromacy



Original Color
79, 14.797, 198.345

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 5.756, 199.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 14.797, 198.345 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(161, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(161, 204, 204)  
}
```

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(161, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 204, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 14.797, 198.345 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(161, 204, 204) }
```

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

```
.border{ border-color:rgb(161, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(161, 204,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 14.797, 198.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 204, 204) }
```

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

```
.background{ background-color: rgb(161,  
204, 204) }
```

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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