

Converting Colors

CIELCh(79, 18.406, 215.204)

Have a look what the booklet for
CIELCh(79, 18.406, 215.204)
contains.

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Color

CIELCh(79, 18.399, 215.199)

Conversions

Conversions Part 1

Format	Color
Hex	97CDD7
RGB	151, 205, 215
RGB Percent	59%, 80%, 84%
CMY	0.4092, 0.1974, 0.1582
CMYK	0.30, 0.05, 0.00, 0.16
HSL	189°, 44%, 72%
HSV	189°, 30%, 84%
XYZ	46.6657, 54.9284, 72.1937
YIQ	189.9940, -35.3940, -8.3380

Conversions

Conversions Part 2

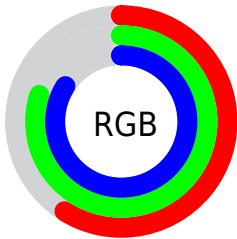
Format	Color
RYB	151, 180, 215
Decimal	9948631
CIELab	79.00, -15.03, -10.61
CIElCh	79, 18.399, 215.199
Yxy	54.9284, 0.2685, 0.3161
Android (android.graphics.Color)	4288138711 (0xFF97CDD7)
YUV	189.9940, 12.3280, -34.1977
Hunter-Lab	74.1137, -17.3065, -5.8744

Details

The CIELCh color **79, 18.399, 215.199** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 22.722, 34.940**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **59, 18.328, 214.180** is the 20% darker color. If you saturate the color by 10%, you get **77, 23.551, 215.740**, and if you desaturate by 10%, it is **81, 12.666, 214.852**.

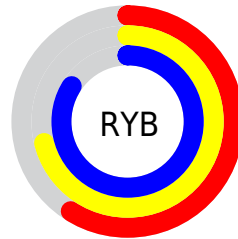
Distribution



Red (59%)

Green (80%)

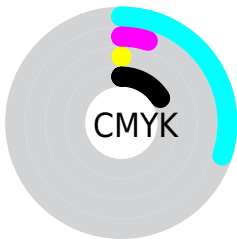
Blue (84%)



Red (59%)

Yellow (71%)

Blue (84%)

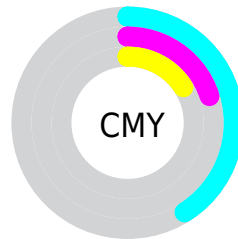


Cyan (30%)

Magenta (5%)

Yellow (0%)

Black (16%)



Cyan (41%)


Magenta (20%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 18.399, 215.199 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, 18.399, 215.199 by changing the saturation by 10% instead.


 79, 18.399,
215.199

 79, 18.399,
215.199


 100, 18.399,
215.199


 69, 18.399,
215.199


 99, 18.399,
215.199

 59, 18.399,
215.199

 49, 18.399,
215.199

 39, 18.399,
215.199

 29, 18.399,
215.199

 19, 18.399,
215.199

 9, 18.399, 215.199

■ 0, 18.399, 215.199

■ 79, 18.399,
215.199

■ 79, 18.399,
215.199

■ 77, 23.551,
215.740

■ 81, 12.666,
214.852

■ 75, 28.015,
216.533

■ 83, 6.458, 214.695

■ 73, 31.699,
217.631

■ 86, 0.126, 29.915

■ 88, 6.998, 34.454

■ 72, 34.539,
219.097

■ 91, 12.985, 35.751

■ 70, 36.516,
221.000

■ 92, 12.415, 44.821

■ 92, 12.185, 54.480

■ 69, 37.679,
223.404

■ 93, 12.314, 64.201

■ 68, 38.228,
226.283

■ 94, 12.788, 73.438

■ 68, 38.237,
226.339

Harmonies

Complementary

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



79, 18.399, 215.199



71, 22.722, 34.940

Rectangle

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



79, 18.399, 215.199



79, 18.399, 265.199



79, 18.399, 35.199



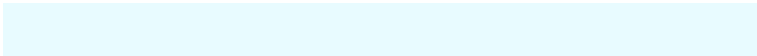
79, 18.399, 85.199

Sweetspot

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



79, 18.399, 215.195



97, 6.826, 214.692



80, 37.297, 146.639



52, 4.725, 214.699



0, 0.000, 0.000



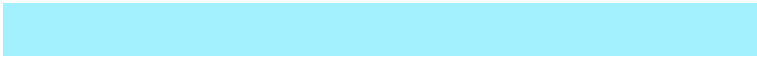
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 18.399, 215.195



91, 24.874, 215.526



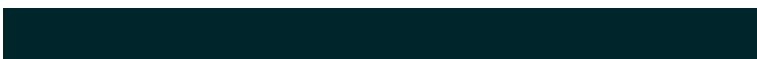
70, 23.635, 274.414



44, 3.733, 214.693



55, 32.264, 225.809



12, 12.754, 219.750

Inverse Universe

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



70, 37.225, 330.873



78, 51.490, 331.293



79, 23.943, 85.903



42, 7.045, 329.583



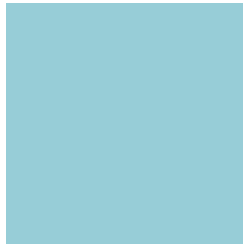
39, 75.823, 335.557



6, 29.382, 333.887

Previews

White Background



This preview shows how the CIE LCh color 79, 18.399, 215.199 looks on a white background.

Color Contrast Check

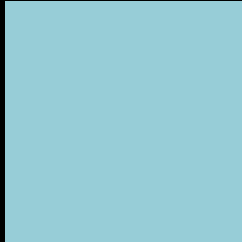
Large Text (above 18pt) WCAG AA × Fail

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 79, 18.399, 215.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

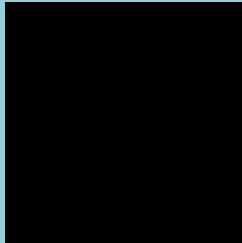
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

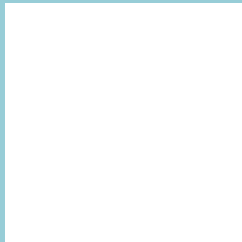
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 18.399, 215.199

Background



This preview shows how black text looks on a background with the CIELCh color 79, 18.399, 215.199.



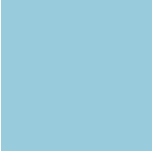
This preview shows how white text looks on a background with the CIELCh color 79, 18.399, 215.199.

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](#).

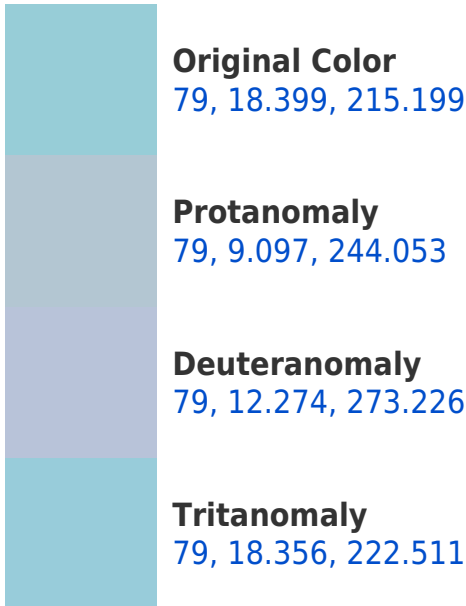
Dichromacy



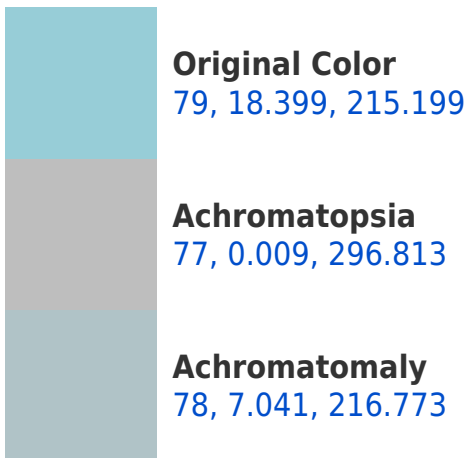


Tritanopia
79, 18.700, 225.713

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 18.399, 215.199 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(151, 205, 215)` looks like.

```
.text, #text, p{  
    color:rgb(151, 205, 215)  
}
```

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(151, 205, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 205, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 18.399, 215.199 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(151, 205, 215) }
```

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

```
.border{ border-color:rgb(151, 205, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 205, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 205, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 205, 215);  
box-shadow:4px 4px 4px 4px rgb(151, 205,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 18.399, 215.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 205, 215) }
```

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

```
.background{ background-color: rgb(151,  
205, 215) }
```

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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