

Converting Colors

CIELCh(79, 18.405, 218.050)

Have a look what the booklet for
CIELCh(79, 18.405, 218.050)
contains.

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Color

CIELCh(79, 18.345, 218.854)

Conversions

Conversions Part 1

Format	Color
Hex	97CCD8
RGB	151, 204, 216
RGB Percent	59%, 80%, 85%
CMY	0.4066, 0.1987, 0.1516
CMYK	0.30, 0.06, 0.00, 0.15
HSL	191°, 46%, 72%
HSV	191°, 30%, 85%
XYZ	46.9319, 54.9284, 73.3209
YIQ	189.5210, -35.4400, -7.5040

Conversions

Conversions Part 2

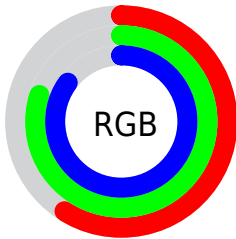
Format	Color
RYB	151, 180, 216
Decimal	9948376
CIELab	79.00, -14.29, -11.51
CIELCh	79, 18.345, 218.854
Yxy	54.9284, 0.2679, 0.3136
Android (android.graphics.Color)	4288138456 (0xFF97CCD8)
YUV	189.5210, 13.0541, -33.7829
Hunter-Lab	74.1137, -16.6653, -6.7762

Details

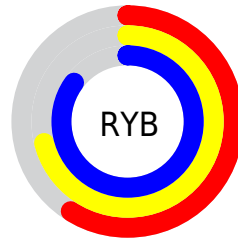
The CIELCh color **79, 18.345, 218.854** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 22.640, 37.692**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **59, 18.248, 218.101** is the 20% darker color. If you saturate the color by 10%, you get **77, 23.456, 219.608**, and if you desaturate by 10%, it is **81, 12.671, 218.326**.

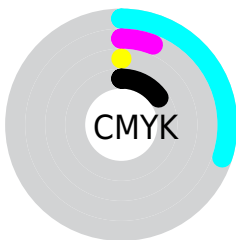
Distribution



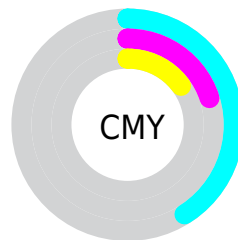
- Red (59%)
- Green (80%)
- Blue (85%)



- Red (59%)
- Yellow (71%)
- Blue (85%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)





- Cyan (41%)
- Magenta (20%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 18.345, 218.854 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, 18.345, 218.854 by changing the saturation by 10% instead.


 79, 18.345,
218.854

 79, 18.345,
218.854


 100, 18.345,
218.854


 69, 18.345,
218.854


 99, 18.345,
218.854

 59, 18.345,
218.854

 49, 18.345,
218.854

 39, 18.345,
218.854

 29, 18.345,
218.854

 19, 18.345,
218.854

 9, 18.345, 218.854

■ 0, 18.345, 218.854

■ 79, 18.345,
218.854

■ 79, 18.345,
218.854

■ 77, 23.456,
219.608

■ 81, 12.671,
218.326

■ 75, 27.903,
220.655

■ 84, 6.536, 218.011

■ 73, 31.597,
222.058

■ 86, 0.037, 233.660

■ 89, 6.747, 37.509

■ 71, 34.480,
223.894

■ 92, 12.118, 39.838

■ 69, 36.542,
226.242

■ 93, 11.675, 51.632

■ 93, 11.760, 63.766

■ 68, 37.843,
229.174

■ 94, 12.356, 75.189

■ 67, 38.597,
232.621

■ 95, 13.392, 85.167

Harmonies

Complementary

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



79, 18.345, 218.854



72, 22.640, 37.692

Rectangle

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



79, 18.345, 218.854



79, 18.345, 268.854



79, 18.345, 38.854



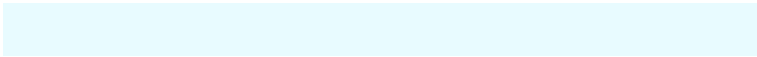
79, 18.345, 88.854

Sweetspot

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



79, 18.345, 218.850



97, 6.705, 217.994



81, 36.928, 147.686



52, 4.641, 218.021



0, 0.000, 0.000



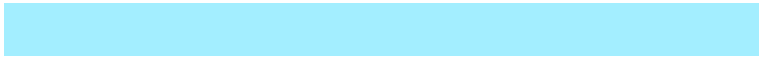
53, 0.007, 296.813

Same Dimension

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



79, 18.345, 218.850



90, 24.488, 219.296



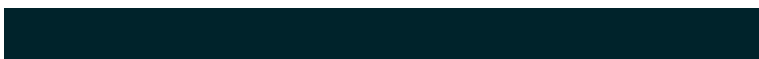
70, 24.980, 277.045



44, 3.667, 217.999



53, 32.341, 231.970



12, 12.662, 224.675

Inverse Universe

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



70, 37.028, 331.896



78, 50.500, 332.318



80, 24.992, 88.594



42, 6.905, 330.546



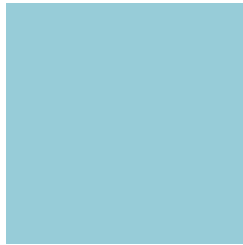
39, 74.213, 337.171



6, 28.770, 335.156

Previews

White Background



This preview shows how the CIELCh color 79, 18.345, 218.854 looks on a white background.

Color Contrast Check

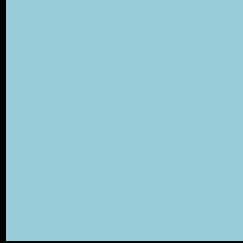
Large Text (above 18pt) WCAG AA × Fail

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, 18.345, 218.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

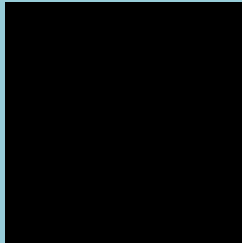
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 18.345, 218.854

Background



This preview shows how black text looks on a background with the CIELCh color 79, 18.345, 218.854.

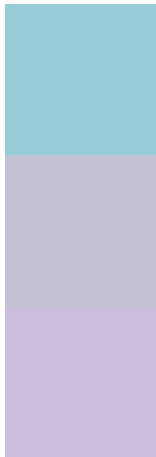


This preview shows how white text looks on a background with the CIELCh color 79, 18.345, 218.854.

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

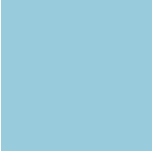
79, 18.345, 218.854

Protanopia

79, 8.558, 290.957

Deuteranopia

79, 16.155, 306.668



Tritanopia
79, 18.700, 225.713

Trichromacy



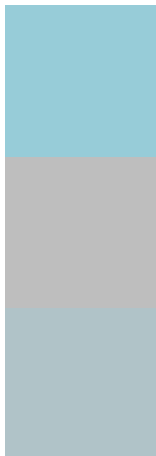
Original Color
79, 18.345, 218.854

Protanomaly
79, 10.059, 247.313

Deuteranomaly
79, 12.780, 274.050

Tritanomaly
79, 18.521, 224.126

Monochromacy



Original Color
79, 18.345, 218.854

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 7.195, 220.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 18.345, 218.854 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, 204, 216)` looks like.

```
.text, #text, p{  
    color:rgb(151, 204, 216)  
}
```

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, 204, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 204, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 18.345, 218.854 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, 204, 216) }
```

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

```
.border{ border-color:rgb(151, 204, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 204, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 204, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 204, 216);  
box-shadow:4px 4px 4px 4px rgb(151, 204,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 18.345, 218.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 204, 216) }
```

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

```
.background{ background-color: rgb(151,  
204, 216) }
```

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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