

Converting Colors

CIELCh(79, 17.259, 199.957)

Have a look what the booklet for
CIELCh(79, 17.259, 199.957)
contains.

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Color

CIELCh(79, 17.259, 199.957)

Conversions

Conversions Part 1

Format	Color
Hex	9ACDCE
RGB	154, 205, 206
RGB Percent	60%, 80%, 81%
CMY	0.3964, 0.1964, 0.1925
CMYK	0.25, 0.00, 0.00, 0.19
HSL	181°, 35%, 71%
HSV	181°, 25%, 81%
XYZ	46.2454, 54.9284, 66.4954
YIQ	189.8650, -30.7170, -10.5010

Conversions

Conversions Part 2

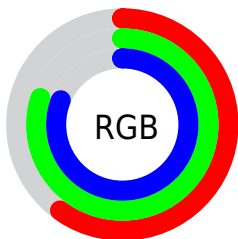
Format	Color
RYB	154, 180, 206
Decimal	10145230
CIELab	79.00, -16.22, -5.89
CIELCh	79, 17.259, 199.957
Yxy	54.9284, 0.2758, 0.3276
Android (android.graphics.Color)	4288335310 (0xFF9ACDCE)
YUV	189.8650, 7.9546, -31.4536
Hunter-Lab	74.1137, -18.3187, -1.3159

Details

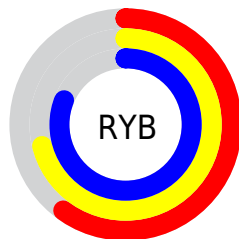
The CIELCh color **79, 17.259, 199.957** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 20.476, 22.810**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **59, 17.386, 199.723** is the 20% darker color. If you saturate the color by 10%, you get **78, 23.161, 199.603**, and if you desaturate by 10%, it is **80, 10.769, 200.376**.

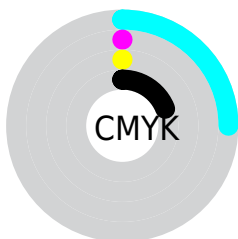
Distribution



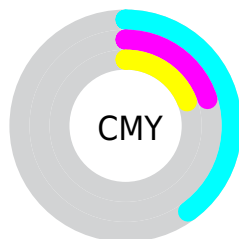
- Red (60%)
- Green (80%)
- Blue (81%)



- Red (60%)
- Yellow (71%)
- Blue (81%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)





- Cyan (40%)
- Magenta (20%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 17.259, 199.957 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, 17.259, 199.957 by changing the saturation by 10% instead.


 79, 17.259,
199.957

 79, 17.259,
199.957


 100, 17.259,
199.957


 69, 17.259,
199.957


 99, 17.259,
199.957

 59, 17.259,
199.957

 49, 17.259,
199.957

 39, 17.259,
199.957

 29, 17.259,
199.957

 19, 17.259,
199.957

 9, 17.259, 199.957

0, 17.259, 199.957

79, 17.259,
199.957

79, 17.259,
199.957

78, 23.161,
199.603

80, 10.769,
200.376

77, 28.356,
199.330

82, 3.807, 200.927

76, 32.742,
199.140

84, 3.516, 21.115

85, 11.100, 21.755

75, 36.238,
199.042

87, 18.143, 22.336

75, 38.808,
199.040

87, 18.004, 22.981

87, 17.868, 23.637

74, 40.465,
199.138

87, 17.734, 24.303

■ 74, 41.289,
199.332

■ 88, 17.603, 24.979

■ 74, 41.509,
199.444

Harmonies

Complementary

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



79, 17.259, 199.957



69, 20.476, 22.810

Rectangle

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



79, 17.259, 199.957



79, 17.259, 249.957



79, 17.259, 19.957



79, 17.259, 69.957

Sweetspot

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



79, 17.260, 199.952



98, 6.850, 200.741



78, 33.555, 143.190



52, 4.849, 200.656



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, 17.260, 199.952



95, 23.924, 199.764



72, 16.643, 261.029



42, 4.039, 200.669



61, 35.341, 199.396



13, 13.227, 198.760

Inverse Universe

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



70, 33.512, 326.336



82, 47.282, 326.613



75, 17.692, 74.023



40, 7.441, 325.450



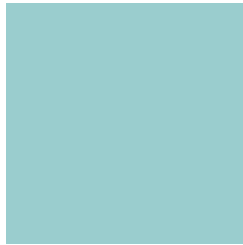
39, 82.474, 329.002



5, 28.601, 328.115

Previews

White Background



This preview shows how the CIELCh color 79, 17.259, 199.957 looks on a white background.

Color Contrast Check

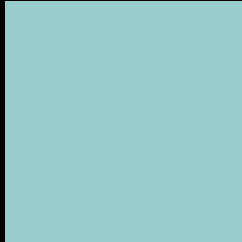
Large Text (above 18pt) WCAG AA × Fail

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, 17.259, 199.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

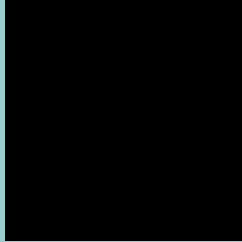
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

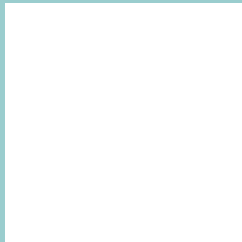
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 17.259, 199.957

Background



This preview shows how black text looks on a background with the CIELCh color 79, 17.259, 199.957.



This preview shows how white text looks on a background with the CIELCh color 79, 17.259, 199.957.

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, 17.259, 199.957

Protanopia

79, 2.908, 312.535

Deuteranopia

79, 12.581, 322.158



Tritanopia
79, 17.142, 228.558

Trichromacy



Original Color
79, 17.259, 199.957

Protanomaly
79, 6.368, 218.718

Deuteranomaly
79, 7.334, 271.069

Tritanomaly
79, 16.692, 217.116

Monochromacy



Original Color
79, 17.259, 199.957

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 6.462, 203.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 17.259, 199.957 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(154, 205, 206)` looks like.

```
.text, #text, p{  
    color:rgb(154, 205, 206)  
}
```

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(154, 205, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 205, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 17.259, 199.957 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(154, 205, 206) }
```

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

```
.border{ border-color:rgb(154, 205, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 205, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 205, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 205, 206);  
box-shadow:4px 4px 4px 4px rgb(154, 205,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 17.259, 199.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 205, 206) }
```

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

```
.background{ background-color: rgb(154,  
205, 206) }
```

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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