

Converting Colors

CIELCh(79, 17.004, 219.878)

Have a look what the booklet for
CIELCh(79, 17.004, 219.878)
contains.

CIELCh(79, 17.099, 218.555)	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, 17.099, 218.555)

Conversions

Conversions Part 1

Format	Color
Hex	9BCCD7
RGB	155, 204, 215
RGB Percent	61%, 80%, 84%
CMY	0.3930, 0.2008, 0.1577
CMYK	0.28, 0.05, 0.00, 0.16
HSL	191°, 43%, 72%
HSV	191°, 28%, 84%
XYZ	47.2585, 54.9284, 72.2579
YIQ	190.6030, -32.7350, -6.9670

Conversions

Conversions Part 2

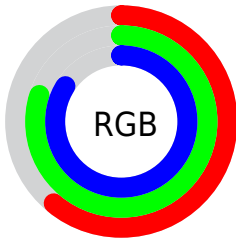
Format	Color
RYB	155, 182, 215
Decimal	10210519
CIELab	79.00, -13.37, -10.66
CIElCh	79, 17.099, 218.555
Yxy	54.9284, 0.2709, 0.3149
Android (android.graphics.Color)	4288400599 (0xFF9BCCD7)
YUV	190.6030, 12.0277, -31.2238
Hunter-Lab	74.1137, -15.8787, -5.9258

Details

The CIELCh color **79, 17.099, 218.555** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 20.752, 37.517**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.683, 198.527**, and **59, 17.047, 217.603** is the 20% darker color. If you saturate the color by 10%, you get **77, 22.311, 219.245**, and if you desaturate by 10%, it is **81, 11.349, 218.080**.

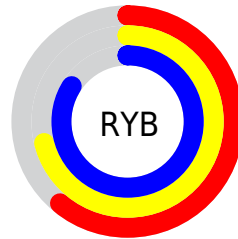
Distribution



Red (61%)

Green (80%)

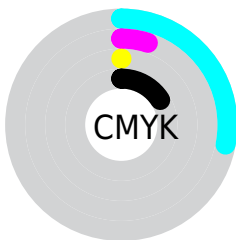
Blue (84%)



Red (61%)

Yellow (71%)

Blue (84%)

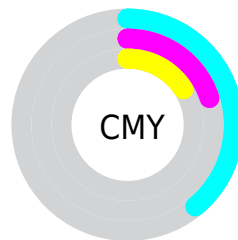


Cyan (28%)

Magenta (5%)

Yellow (0%)

Black (16%)



Cyan (39%)


Magenta (20%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 17.099, 218.555 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, 17.099, 218.555 by changing the saturation by 10% instead.

 79, 17.099,
218.555

 79, 17.099,
218.555


 100, 17.099,
218.555


 69, 17.099,
218.555


 99, 17.099,
218.555

 59, 17.099,
218.555

 49, 17.099,
218.555

 39, 17.099,
218.555

 29, 17.099,
218.555

 19, 17.099,
218.555

 9, 17.099, 218.555

■ 0, 17.099, 218.555

■ 79, 17.099,
218.555

■ 79, 17.099,
218.555

■ 77, 22.311,
219.245

■ 81, 11.349,
218.080

■ 75, 26.882,
220.213

■ 84, 5.160, 217.823

■ 73, 30.720,
221.520

■ 86, 1.374, 37.105

■ 89, 8.171, 37.370

■ 71, 33.759,
223.240

■ 91, 12.567, 40.928

■ 69, 35.977,
225.451

■ 92, 12.163, 52.135

■ 93, 12.250, 63.613

■ 68, 37.417,
228.229

■ 94, 12.817, 74.467

■ 67, 38.227,
231.590

■ 95, 13.800, 84.055

■ 66, 38.373,
232.312

Harmonies

Complementary

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



79, 17.099, 218.555



72, 20.752, 37.517

Rectangle

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



79, 17.099, 218.555



79, 17.099, 268.555



79, 17.099, 38.555



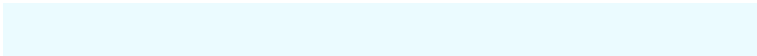
79, 17.099, 88.555

Sweetspot

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



79, 17.099, 218.550



98, 5.980, 217.824



81, 34.560, 147.341



52, 4.233, 217.847



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, 17.099, 218.550



90, 23.338, 218.966



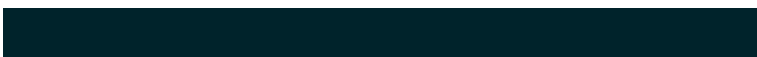
71, 22.578, 275.374



44, 3.670, 217.843



54, 32.330, 231.683



12, 12.664, 224.444

Inverse Universe

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



71, 34.269, 331.706



79, 47.811, 332.134



79, 22.720, 87.537



42, 6.911, 330.501



39, 74.286, 337.094



6, 28.798, 335.096

Previews

White Background



This preview shows how the CIELCh color 79, 17.099, 218.555 looks on a white background.

Color Contrast Check

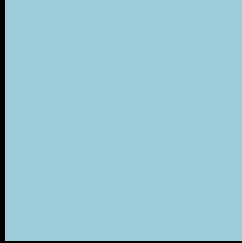
Large Text (above 18pt) WCAG AA × Fail

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, 17.099, 218.555 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

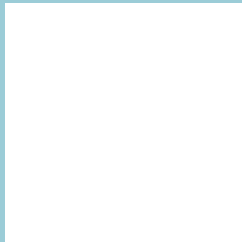
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 17.099, 218.555

Background



This preview shows how black text looks on a background with the CIELCh color 79, 17.099, 218.555.

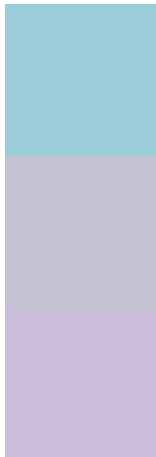


This preview shows how white text looks on a background with the CIELCh color 79, 17.099, 218.555.

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, 17.099, 218.555

Protanopia
79, 8.036, 293.448

Deuteranopia
79, 15.741, 308.412



Tritanopia
79, 17.403, 228.047

Trichromacy



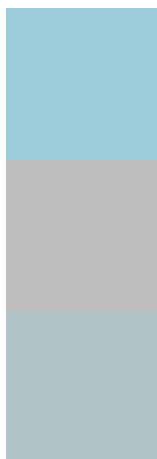
Original Color
79, 17.099, 218.555

Protanomaly
79, 9.234, 248.062

Deuteranomaly
79, 12.181, 274.761

Tritanomaly
79, 17.012, 224.662

Monochromacy



Original Color
79, 17.099, 218.555

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 6.712, 217.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 17.099, 218.555 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(155, 204, 215)` looks like.

```
.text, #text, p{  
    color:rgb(155, 204, 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(155, 204, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 204, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 17.099, 218.555 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(155, 204, 215) }
```

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

```
.border{ border-color:rgb(155, 204, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 204, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 204, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 204, 215); box-shadow:4px 4px 4px 4px rgb(155, 204, 215) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 17.099, 218.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 204, 215) }
```

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

```
.background{ background-color: rgb(155,  
204, 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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