

Converting Colors

CIELCh(79, 16.567, 210.269)

Have a look what the booklet for
CIELCh(79, 16.567, 210.269)
contains.

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Color

CIELCh(79, 16.720, 211.286)

Conversions

Conversions Part 1

Format	Color
Hex	9BCCD3
RGB	155, 204, 211
RGB Percent	61%, 80%, 83%
CMY	0.3917, 0.1995, 0.1721
CMYK	0.27, 0.03, 0.00, 0.17
HSL	187°, 39%, 72%
HSV	187°, 27%, 83%
XYZ	46.9310, 54.9284, 69.8322
YIQ	190.1470, -31.4510, -8.2110

Conversions

Conversions Part 2

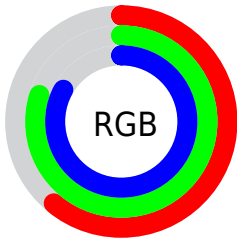
Format	Color
R_{YB}	155, 181, 211
Decimal	10210515
CIE _{Lab}	79.00, -14.29, -8.68
CIE _{LCh}	79, 16.720, 211.286
Yxy	54.9284, 0.2733, 0.3199
Android (android.graphics.Color)	4288400595 (0xFF9BCCD3)
YUV	190.1470, 10.2805, -30.8239
Hunter-Lab	74.1137, -16.6675, -3.9853

Details

The CIELCh color **79, 16.720, 211.286** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 20.135, 31.869**, 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, 16.792, 211.757** is the 20% darker color. If you saturate the color by 10%, you get **77, 22.107, 211.547**, and if you desaturate by 10%, it is **81, 10.773, 211.177**.

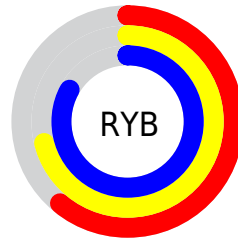
Distribution



Red (61%)

Green (80%)

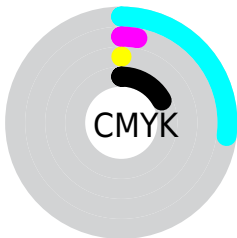
Blue (83%)



Red (61%)

Yellow (71%)

Blue (83%)

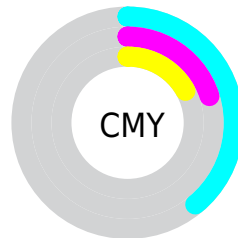


Cyan (27%)

Magenta (3%)

Yellow (0%)

Black (17%)



Cyan (39%)


Magenta (20%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 16.720, 211.286 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, 16.720, 211.286 by changing the saturation by 10% instead.


 79, 16.720,
211.286

 79, 16.720,
211.286


 100, 16.720,
211.286


 69, 16.720,
211.286


 99, 16.720,
211.286

 59, 16.720,
211.286

 49, 16.720,
211.286

 39, 16.720,
211.286

 29, 16.720,
211.286

 19, 16.720,
211.286

 9, 16.720, 211.286

0, 16.720, 211.286

79, 16.720,
211.286

79, 16.720,
211.286

77, 22.107,
211.547

81, 10.773,
211.177

75, 26.824,
212.004

83, 4.374, 211.252

74, 30.770,
212.695

85, 2.378, 30.966

88, 9.397, 31.309

73, 33.866,
213.667

90, 14.476, 33.070

71, 36.073,
214.972

90, 13.909, 39.301

91, 13.523, 45.969

70, 37.411,
216.661

92, 13.333, 52.921

■ 69, 37.978,
218.771

■ 92, 13.346, 59.957

■ 69, 38.091,
219.558

Harmonies

Complementary

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



79, 16.720, 211.286



71, 20.135, 31.869

Rectangle

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



79, 16.720, 211.286



79, 16.720, 261.286



79, 16.720, 31.286



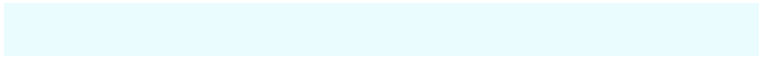
79, 16.720, 81.286

Sweetspot

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



79, 16.720, 211.281



98, 6.224, 211.220



80, 33.556, 145.910



52, 4.406, 211.200



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, 16.720, 211.281



92, 22.982, 211.414



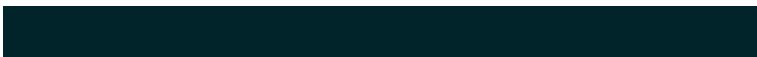
72, 19.904, 270.989



43, 3.745, 211.202



56, 32.207, 219.145



12, 12.502, 214.203

Inverse Universe

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



71, 33.421, 329.613



81, 46.893, 329.969



78, 20.375, 83.465



41, 7.060, 328.567



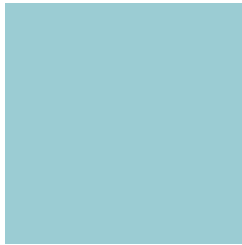
39, 76.815, 333.881



5, 28.264, 332.336

Previews

White Background



This preview shows how the CIELCh color 79, 16.720, 211.286 looks on a white background.

Color Contrast Check

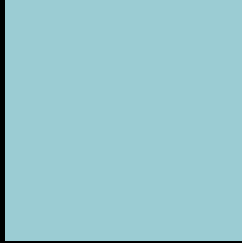
Large Text (above 18pt) WCAG AA × Fail

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, 16.720, 211.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

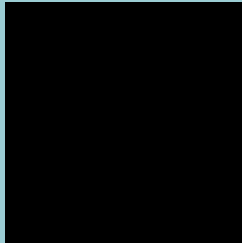
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

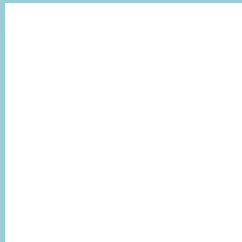
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 16.720, 211.286

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.720, 211.286.



This preview shows how white text looks on a background with the CIELCh color 79, 16.720, 211.286.

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](#).

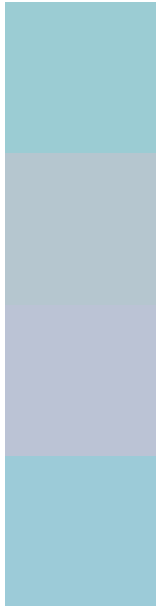
Dichromacy





Tritanopia
79, 17.142, 228.558

Trichromacy



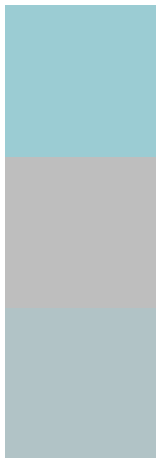
Original Color
79, 16.720, 211.286

Protanomaly
79, 7.583, 238.568

Deuteranomaly
79, 9.964, 274.749

Tritanomaly
79, 16.839, 222.915

Monochromacy



Original Color
79, 16.720, 211.286

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 6.586, 213.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.720, 211.286 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(155, 204, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 204, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.720, 211.286 is called "border". The border property can be set on classes, ids or directly on the HTML element.

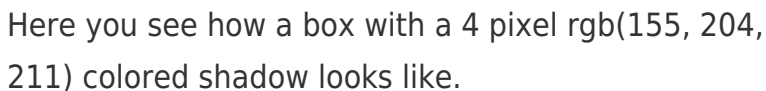
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 204, 211) }
```

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

```
.border{ border-color:rgb(155, 204, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 204, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 204, 211); box-shadow:4px 4px 4px 4px rgb(155, 204, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.720, 211.286 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, 211) }
```

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

```
.background{ background-color: rgb(155,  
204, 211) }
```

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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