

Converting Colors

CIELCh(79, 15.480, 209.008)

Have a look what the booklet for
CIELCh(79, 15.480, 209.008)
contains.

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Color

CIELCh(79, 15.713, 208.169)

Conversions

Conversions Part 1

Format	Color
Hex	9ECCD1
RGB	158, 204, 209
RGB Percent	62%, 80%, 82%
CMY	0.3812, 0.2008, 0.1812
CMYK	0.24, 0.02, 0.00, 0.18
HSL	186°, 36%, 72%
HSV	186°, 24%, 82%
XYZ	47.0868, 54.9284, 68.3067
YIQ	190.8160, -29.0210, -8.1970

Conversions

Conversions Part 2

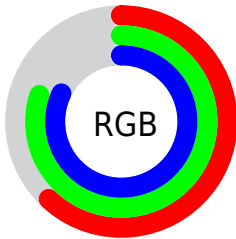
Format	Color
RYB	158, 182, 209
Decimal	10407121
CIELab	79.00, -13.85, -7.42
CIELCh	79, 15.713, 208.169
Yxy	54.9284, 0.2765, 0.3225
Android (android.graphics.Color)	4288597201 (0xFF9ECCD1)
YUV	190.8160, 8.9647, -28.7796
Hunter-Lab	74.1137, -16.2923, -2.7649

Details

The CIELCh color **79, 15.713, 208.169** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 18.610, 29.303**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 13.731, 198.590**, and **59, 15.817, 208.428** is the 20% darker color. If you saturate the color by 10%, you get **77, 21.294, 208.228**, and if you desaturate by 10%, it is **81, 9.585, 208.233**.

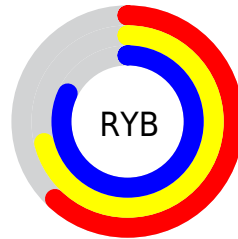
Distribution



Red (62%)

Green (80%)

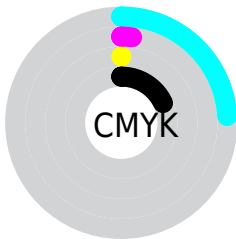
Blue (82%)



Red (62%)

Yellow (71%)

Blue (82%)

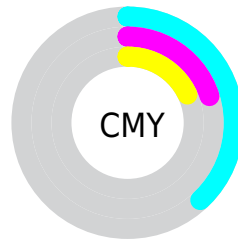


Cyan (24%)

Magenta (2%)

Yellow (0%)

Black (18%)



Cyan (38%)


Magenta (20%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 15.713, 208.169 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, 15.713, 208.169 by changing the saturation by 10% instead.


 79, 15.713,
208.169


 79, 15.713,
208.169


 100, 15.713,
208.169


 69, 15.713,
208.169


 99, 15.713,
208.169

 59, 15.713,
208.169

 49, 15.713,
208.169

 39, 15.713,
208.169

 29, 15.713,
208.169

 19, 15.713,
208.169

 9, 15.713, 208.169

0, 15.713, 208.169

79, 15.713,
208.169

79, 15.713,
208.169

77, 21.294,
208.228

81, 9.585, 208.233

76, 26.214,
208.447

83, 3.018, 208.505

74, 30.369,
208.848

85, 3.887, 28.383

73, 33.674,
209.468

87, 11.044, 28.752

72, 36.079,
210.345

89, 15.637, 30.398

71, 37.587,
211.516

89, 15.119, 34.740

90, 14.697, 39.361

90, 14.377, 44.219

■ 70, 38.269,
213.012

■ 91, 14.167, 49.257

■ 70, 38.423,
213.951

Harmonies

Complementary

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



79, 15.713, 208.169



71, 18.610, 29.303

Rectangle

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



79, 15.713, 208.169



79, 15.713, 258.169



79, 15.713, 28.169



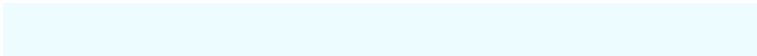
79, 15.713, 78.169

Sweetspot

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



79, 15.713, 208.164



98, 5.582, 208.388



79, 31.349, 145.105



52, 3.621, 208.369



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, 15.713, 208.164



93, 21.545, 208.178



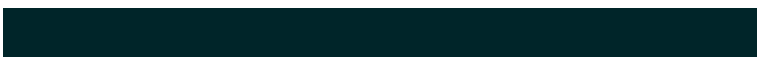
72, 17.472, 267.583



43, 3.828, 208.324



57, 32.764, 213.655



12, 12.737, 209.957

Inverse Universe

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



71, 31.073, 328.621



82, 43.349, 328.911



77, 18.060, 80.700



41, 7.194, 327.728



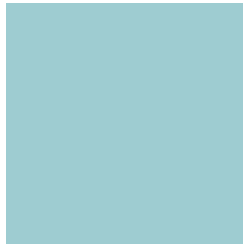
39, 78.437, 332.529



5, 28.863, 331.263

Previews

White Background



This preview shows how the CIELCh color 79, 15.713, 208.169 looks on a white background.

Color Contrast Check

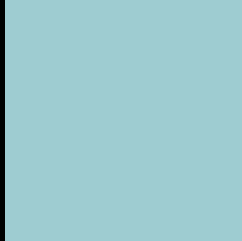
Large Text (above 18pt) WCAG AA × Fail

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, 15.713, 208.169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

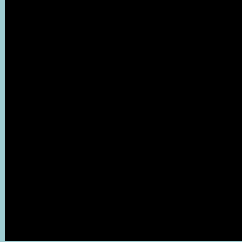
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

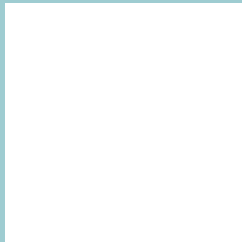
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 15.713, 208.169

Background



This preview shows how black text looks on a background with the CIELCh color 79, 15.713, 208.169.



This preview shows how white text looks on a background with the CIELCh color 79, 15.713, 208.169.

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, 15.713, 208.169

Protanopia
79, 4.881, 299.135

Deuteranopia
79, 13.156, 317.013



Tritanopia
79, 16.108, 230.800

Trichromacy



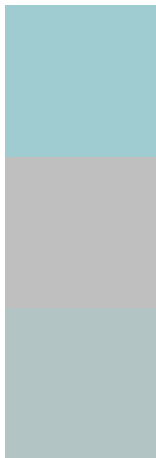
Original Color
79, 15.713, 208.169

Protanomaly
79, 6.713, 233.053

Deuteranomaly
79, 8.853, 274.814

Tritanomaly
79, 15.838, 222.468

Monochromacy



Original Color
79, 15.713, 208.169

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 6.108, 204.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 15.713, 208.169 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(158, 204, 209)` looks like.

```
.text, #text, p{  
    color:rgb(158, 204, 209)  
}
```

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(158, 204, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 204, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 15.713, 208.169 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(158, 204, 209) }
```

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

```
.border{ border-color:rgb(158, 204, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 204, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(158, 204,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 15.713, 208.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 204, 209) }
```

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

```
.background{ background-color: rgb(158,  
204, 209) }
```

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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