

Converting Colors

CIELCh(79, 16.698, 205.793)

Have a look what the booklet for
CIELCh(79, 16.698, 205.793)
contains.

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Color

CIELCh(79, 16.608, 205.686)

Conversions

Conversions Part 1

Format	Color
Hex	9BCCD0
RGB	155, 204, 208
RGB Percent	61%, 80%, 82%
CMY	0.3908, 0.1986, 0.1829
CMYK	0.25, 0.02, 0.00, 0.18
HSL	185°, 36%, 71%
HSV	185°, 25%, 82%
XYZ	46.6898, 54.9284, 68.0448
YIQ	189.8050, -30.4880, -9.1440

Conversions

Conversions Part 2

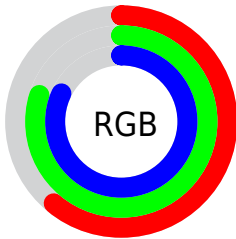
Format	Color
R_{YB}	155, 180, 208
Decimal	10210512
CIE _{Lab}	79.00, -14.97, -7.20
CIE _{LCh}	79, 16.608, 205.686
Yxy	54.9284, 0.2752, 0.3238
Android (android.graphics.Color)	4288400592 (0xFF9BCCD0)
YUV	189.8050, 8.9701, -30.5240
Hunter-Lab	74.1137, -17.2484, -2.5554

Details

The CIELCh color **79, 16.608, 205.686** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 19.810, 27.398**, 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, 16.704, 205.798** is the 20% darker color. If you saturate the color by 10%, you get **77, 22.227, 205.628**, and if you desaturate by 10%, it is **81, 10.419, 205.850**.

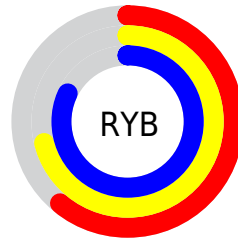
Distribution



Red (61%)

Green (80%)

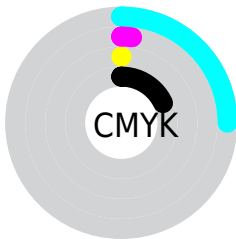
Blue (82%)



Red (61%)

Yellow (71%)

Blue (82%)

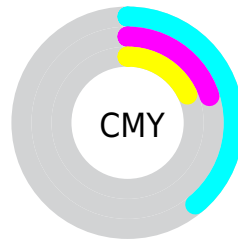


Cyan (25%)

Magenta (2%)

Yellow (0%)

Black (18%)



Cyan (39%)


Magenta (20%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 16.608, 205.686 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, 16.608, 205.686 by changing the saturation by 10% instead.


 79, 16.608,
205.686


 79, 16.608,
205.686


 100, 16.608,
205.686


 69, 16.608,
205.686


 99, 16.608,
205.686

 59, 16.608,
205.686

 49, 16.608,
205.686

 39, 16.608,
205.686

 29, 16.608,
205.686

 19, 16.608,
205.686

 9, 16.608, 205.686

■ 0, 16.608, 205.686

■ 79, 16.608,
205.686

■ 79, 16.608,
205.686

■ 77, 22.227,
205.628

■ 81, 10.419,
205.850

■ 76, 27.161,
205.706

■ 83, 3.772, 206.179

■ 75, 31.306,
205.939

■ 85, 3.230, 26.147

■ 87, 10.493, 26.618

■ 74, 34.579,
206.352

■ 88, 16.207, 27.590

■ 73, 36.937,
206.972

■ 89, 15.756, 30.707

■ 89, 15.355, 33.998

■ 72, 38.388,
207.827

■ 90, 15.008, 37.453

■ 72, 39.011,
208.934

■ 90, 14.719, 41.056

■ 71, 39.139,
209.492

Harmonies

Complementary

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



79, 16.608, 205.686



70, 19.810, 27.398

Rectangle

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



79, 16.608, 205.686



79, 16.608, 255.686



79, 16.608, 25.686



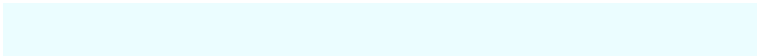
79, 16.608, 75.686

Sweetspot

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



79, 16.608, 205.681



98, 6.490, 206.061



79, 32.981, 144.543



52, 4.594, 206.008



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, 16.608, 205.681



94, 23.304, 205.635



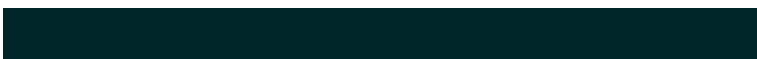
72, 17.839, 266.178



43, 3.905, 206.015



58, 33.426, 209.278



13, 12.979, 206.564

Inverse Universe

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



70, 32.813, 327.985



81, 47.014, 328.324



76, 18.588, 78.980



41, 7.307, 327.050



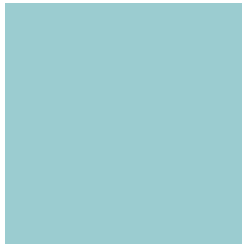
39, 79.828, 331.457



5, 29.372, 330.409

Previews

White Background



This preview shows how the CIELCh color 79, 16.608, 205.686 looks on a white background.

Color Contrast Check

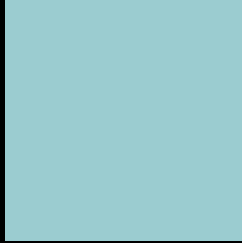
Large Text (above 18pt) WCAG AA × Fail

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, 16.608, 205.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

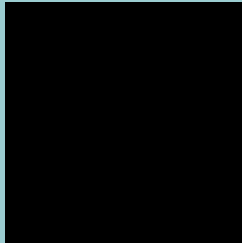
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

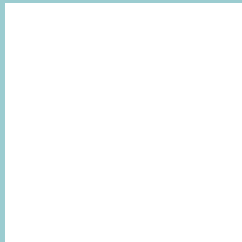
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 16.608, 205.686

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.608, 205.686.

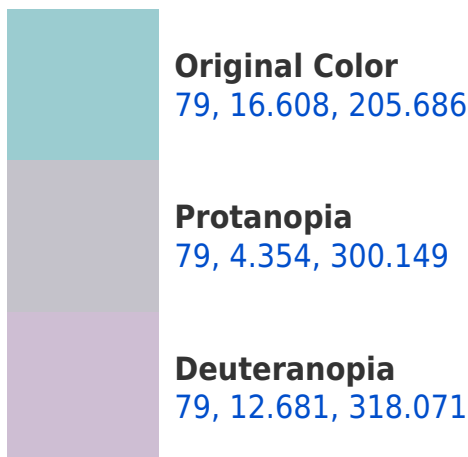


This preview shows how white text looks on a background with the CIELCh color 79, 16.608, 205.686.

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, 16.881, 229.087

Trichromacy



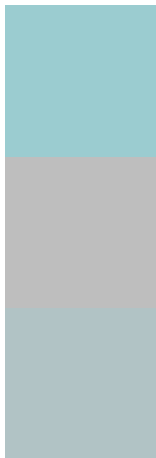
Original Color
79, 16.608, 205.686

Protanomaly
79, 6.756, 227.481

Deuteranomaly
79, 8.343, 273.712

Tritanomaly
79, 16.400, 221.563

Monochromacy



Original Color
79, 16.608, 205.686

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 6.503, 208.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.608, 205.686 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(155, 204, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 204, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.608, 205.686 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, 208) }
```

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

```
.border{ border-color:rgb(155, 204, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 204, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 204, 208);  
box-shadow:4px 4px 4px 4px rgb(155, 204,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.608, 205.686 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, 208) }
```

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

```
.background{ background-color: rgb(155,  
204, 208) }
```

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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