

Converting Colors

CIELCh(79, 16.569, 223.386)

Have a look what the booklet for
CIELCh(79, 16.569, 223.386)
contains.

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Color

CIELCh(79, 16.563, 223.367)

Conversions

Conversions Part 1

Format	Color
Hex	9DCBD8
RGB	157, 203, 216
RGB Percent	62%, 80%, 85%
CMY	0.3837, 0.2033, 0.1524
CMYK	0.27, 0.06, 0.00, 0.15
HSL	193°, 43%, 73%
HSV	193°, 27%, 85%
XYZ	47.7364, 54.9284, 73.1514
YIQ	190.7280, -31.5890, -5.7090

Conversions

Conversions Part 2

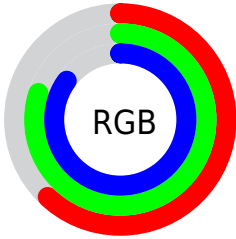
Format	Color
R _{YB}	157, 183, 216
Decimal	10341336
CIE _{Lab}	79.00, -12.04, -11.37
CIE _{LCh}	79, 16.563, 223.367
Yxy	54.9284, 0.2715, 0.3124
Android (android.graphics.Color)	4288531416 (0xFF9DCBD8)
YUV	190.7280, 12.4591, -29.5795
Hunter-Lab	74.1137, -14.7277, -6.6406

Details

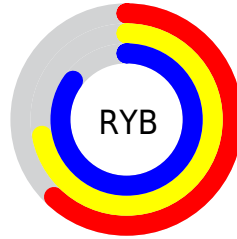
The CIELCh color **79, 16.563, 223.367** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 19.897, 41.287**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.050, 198.569**, and **59, 16.503, 222.680** is the 20% darker color. If you saturate the color by 10%, you get **77, 21.796, 224.301**, and if you desaturate by 10%, it is **82, 10.830, 222.681**.

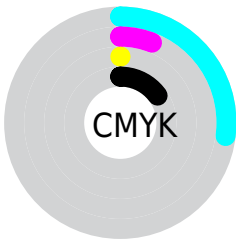
Distribution



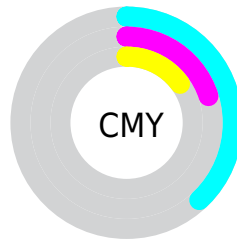
- Red (62%)
- Green (80%)
- Blue (85%)



- Red (62%)
- Yellow (72%)
- Blue (85%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)





- Cyan (38%)
- Magenta (20%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 16.563, 223.367 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, 16.563, 223.367 by changing the saturation by 10% instead.


 79, 16.563,
223.367


 79, 16.563,
223.367


 100, 16.563,
223.367


 69, 16.563,
223.367


 99, 16.563,
223.367

 59, 16.563,
223.367

 49, 16.563,
223.367

 39, 16.563,
223.367

 29, 16.563,
223.367

 19, 16.563,
223.367

 9, 16.563, 223.367

■ 0, 16.563, 223.367

■ 79, 16.563,
223.367

■ 79, 16.563,
223.367

■ 77, 21.796,
224.301

■ 82, 10.830,
222.681

■ 74, 26.434,
225.556

■ 84, 4.690, 222.246

■ 72, 30.391,
227.202

■ 87, 1.771, 41.451

■ 90, 8.476, 41.472

■ 70, 33.608,
229.326

■ 92, 11.815, 47.995

■ 68, 36.071,
232.017

■ 93, 11.783, 62.389

■ 95, 12.479, 75.956

■ 66, 37.833,
235.351

■ 96, 13.788, 87.467

■ 65, 39.042,
239.339

■ 97, 15.549, 96.630

■ 64, 39.347,
240.459

Harmonies

Complementary

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



79, 16.563, 223.367



73, 19.897, 41.287

Rectangle

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



79, 16.563, 223.367



79, 16.563, 273.367



79, 16.563, 43.367



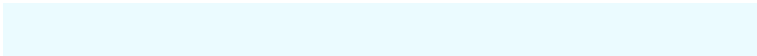
79, 16.563, 93.367

Sweetspot

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



79, 16.563, 223.362



97, 5.868, 222.268



81, 32.730, 149.066



52, 4.155, 222.318



0, 0.000, 0.000



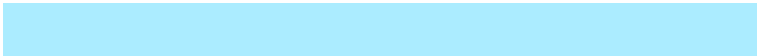
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 16.563, 223.362



90, 22.403, 223.892



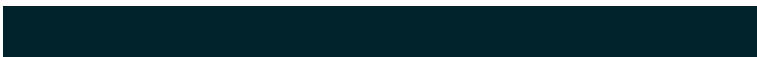
71, 23.552, 278.929



44, 3.602, 222.312



52, 32.930, 239.698



11, 12.669, 230.995

Inverse Universe

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



72, 32.814, 333.031



80, 45.270, 333.456



81, 23.326, 91.515



42, 6.732, 331.815



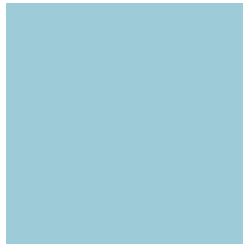
38, 72.286, 339.339



6, 28.023, 336.856

Previews

White Background



This preview shows how the CIE LCh color 79, 16.563, 223.367 looks on a white background.

Color Contrast Check

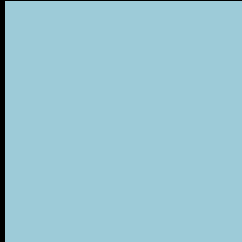
Large Text (above 18pt) WCAG AA × Fail

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, 16.563, 223.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

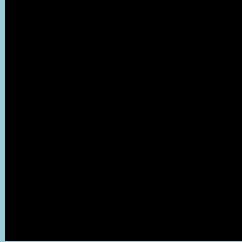
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

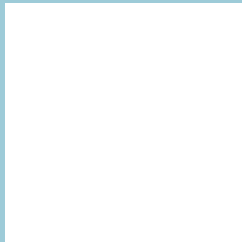
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 16.563, 223.367

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.563, 223.367.

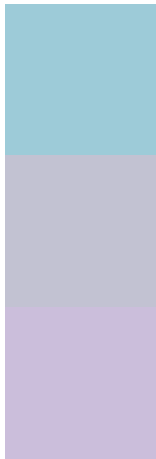


This preview shows how white text looks on a background with the CIELCh color 79, 16.563, 223.367.

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](#).

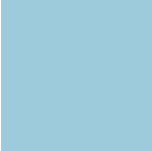
Dichromacy



Original Color
79, 16.563, 223.367

Protanopia
79, 8.558, 290.957

Deuteranopia
79, 16.252, 307.876



Tritanopia
79, 16.881, 229.087

Trichromacy



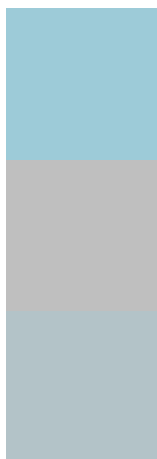
Original Color
79, 16.563, 223.367

Protanomaly
79, 9.642, 255.653

Deuteranomaly
79, 12.612, 277.025

Tritanomaly
79, 16.668, 227.377

Monochromacy



Original Color
79, 16.563, 223.367

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 6.244, 224.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.563, 223.367 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(157, 203, 216)` looks like.

```
.text, #text, p{  
    color:rgb(157, 203, 216)  
}
```

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(157, 203, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 203, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.563, 223.367 is called "border". The border property can be set on classes, ids or directly on the HTML element.

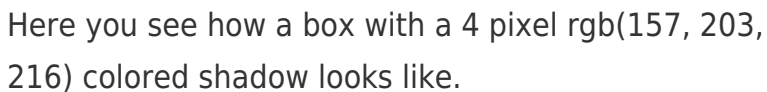
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 203, 216) }
```

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

```
.border{ border-color:rgb(157, 203, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 203, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 203, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 203, 216);  
box-shadow:4px 4px 4px 4px rgb(157, 203,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.563, 223.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 203, 216) }
```

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

```
.background{ background-color: rgb(157,  
203, 216) }
```

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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