

Converting Colors

CIELCh(79, 16.461, 239.412)

Have a look what the booklet for
CIELCh(79, 16.461, 239.412)
contains.

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Color

CIELCh(79, 16.461, 239.412)

Conversions

Conversions Part 1

Format	Color
Hex	A2C9DD
RGB	162, 201, 221
RGB Percent	64%, 79%, 87%
CMY	0.3631, 0.2102, 0.1317
CMYK	0.27, 0.09, 0.00, 0.13
HSL	200°, 47%, 75%
HSV	200°, 27%, 87%
XYZ	49.0690, 54.9284, 76.7120
YIQ	191.6190, -29.6640, -2.0480

Conversions

Conversions Part 2

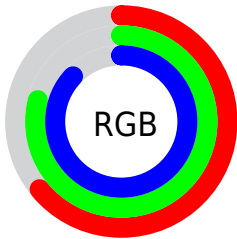
Format	Color
RYB	162, 185, 221
Decimal	10668509
CIELab	79.00, -8.38, -14.17
CIELCh	79, 16.461, 239.412
Yxy	54.9284, 0.2715, 0.3040
Android (android.graphics.Color)	4288858589 (0xFFA2C9DD)
YUV	191.6190, 14.4848, -25.9759
Hunter-Lab	74.1137, -11.5181, -9.4890

Details

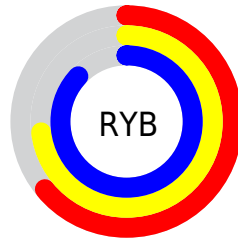
The CIELCh color **79, 16.461, 239.412** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 19.026, 54.306**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 12.449, 198.674**, and **59, 16.441, 239.737** is the 20% darker color. If you saturate the color by 10%, you get **76, 22.043, 241.052**, and if you desaturate by 10%, it is **82, 10.518, 238.100**.

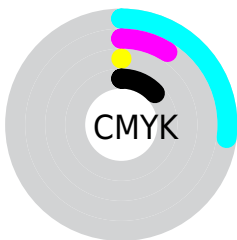
Distribution



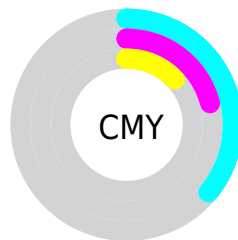
- Red (64%)
- Green (79%)
- Blue (87%)



- Red (64%)
- Yellow (73%)
- Blue (87%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)





- Cyan (36%)
- Magenta (21%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 16.461, 239.412 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, 16.461, 239.412 by changing the saturation by 10% instead.

 79, 16.461,
239.412

 79, 16.461,
239.412


 100, 16.461,
239.412


 69, 16.461,
239.412


 99, 16.461,
239.412

 59, 16.461,
239.412

 49, 16.461,
239.412

 39, 16.461,
239.412

 29, 16.461,
239.412

 19, 16.461,
239.412

 9, 16.461, 239.412

■ 0, 16.461, 239.412

■ 79, 16.461,
239.412

■ 79, 16.461,
239.412

■ 76, 22.043,
241.052

■ 82, 10.518,
238.100

■ 72, 27.203,
243.106

■ 86, 4.284, 237.108

■ 69, 31.889,
245.656

■ 89, 2.180, 55.891

■ 93, 8.818, 55.379

■ 66, 36.080,
248.786

■ 95, 10.727, 76.047

■ 64, 39.806,
252.564

■ 97, 13.109, 95.314

■ 99, 16.470,
107.589

■ 61, 43.162,
257.004

■ 59, 46.317,
262.013

■ 99, 16.986,
108.893

■ 58, 47.398,
263.696

Harmonies

Complementary

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



79, 16.461, 239.412



77, 19.026, 54.306

Rectangle

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



79, 16.461, 239.412



79, 16.461, 289.412



79, 16.461, 59.412



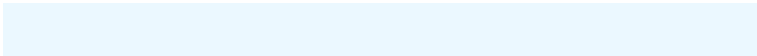
79, 16.461, 109.412

Sweetspot

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



79, 16.460, 239.407



97, 5.761, 237.224



83, 29.844, 153.506



51, 4.083, 237.359



0, 0.000, 0.000



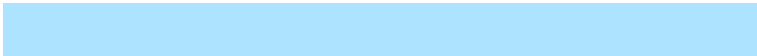
53, 0.007, 296.813

Same Dimension

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



79, 16.460, 239.407



88, 21.846, 240.282



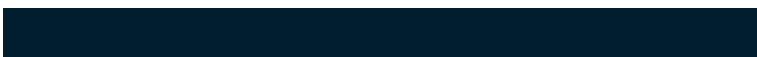
71, 26.948, 285.923



44, 3.608, 237.345



46, 39.092, 262.766



10, 14.281, 252.168

Inverse Universe

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



73, 30.107, 337.908



80, 40.511, 338.387



84, 25.958, 99.317



43, 6.306, 336.541



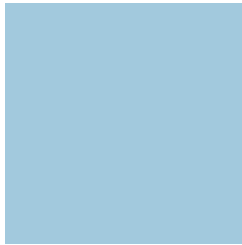
38, 67.579, 347.737



6, 27.325, 343.545

Previews

White Background



This preview shows how the CIELCh color 79, 16.461, 239.412 looks on a white background.

Color Contrast Check

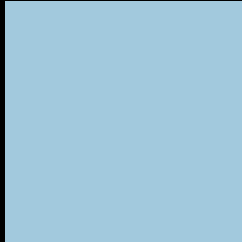
Large Text (above 18pt) WCAG AA × Fail

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, 16.461, 239.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

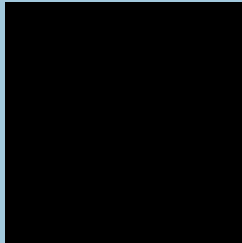
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 16.461, 239.412

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.461, 239.412.



This preview shows how white text looks on a background with the CIELCh color 79, 16.461, 239.412.

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

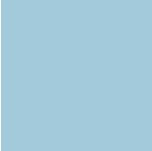
79, 16.461, 239.412

Protanopia

79, 12.305, 288.040

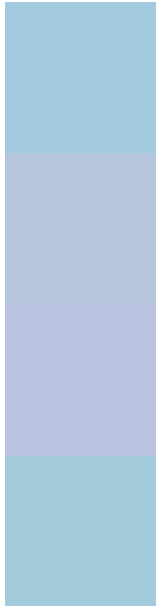
Deuteranopia

79, 18.596, 302.529



Tritanopia
79, 15.589, 232.036

Trichromacy



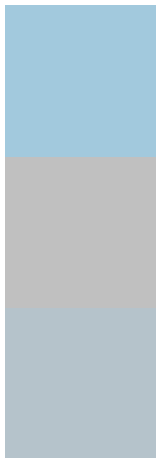
Original Color
79, 16.461, 239.412

Protanomaly
79, 12.830, 265.963

Deuteranomaly
79, 15.685, 281.554

Tritanomaly
79, 15.844, 233.784

Monochromacy



Original Color
79, 16.461, 239.412

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 6.487, 240.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.461, 239.412 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(162, 201, 221)` looks like.

```
.text, #text, p{  
    color:rgb(162, 201, 221)  
}
```

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(162, 201, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 201, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.461, 239.412 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(162, 201, 221) }
```

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

```
.border{ border-color:rgb(162, 201, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 201, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 201, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 201, 221); box-shadow:4px 4px 4px 4px rgb(162, 201, 221) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.461, 239.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 201, 221) }
```

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

```
.background{ background-color: rgb(162,  
201, 221) }
```

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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