

Converting Colors

CIELCh(79, 13.767, 239.617)

Have a look what the booklet for
CIELCh(79, 13.767, 239.617)
contains.

CIELCh(79, 13.643, 240.783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 13.643, 240.783)

Conversions

Conversions Part 1

Format	Color
Hex	A9C8D9
RGB	169, 200, 217
RGB Percent	66%, 78%, 85%
CMY	0.3362, 0.2146, 0.1479
CMYK	0.22, 0.08, 0.00, 0.15
HSL	201°, 39%, 76%
HSV	201°, 22%, 85%
XYZ	49.7018, 54.9284, 73.8224
YIQ	192.6690, -23.9330, -1.2850

Conversions

Conversions Part 2

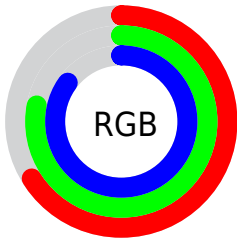
Format	Color
RYB	169, 188, 217
Decimal	11127001
CIELab	79.00, -6.66, -11.91
CIElCh	79, 13.643, 240.783
Yxy	54.9284, 0.2785, 0.3078
Android (android.graphics.Color)	4289317081 (0xFFA9C8D9)
YUV	192.6690, 11.9952, -20.7577
Hunter-Lab	74.1137, -9.9940, -7.1774

Details

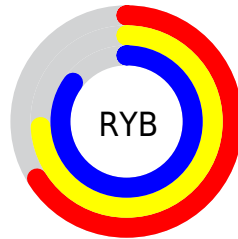
The CIELCh color **79, 13.643, 240.783** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 15.266, 56.374**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **59, 13.600, 240.771** is the 20% darker color. If you saturate the color by 10%, you get **76, 19.367, 242.325**, and if you desaturate by 10%, it is **82, 7.615, 239.547**.

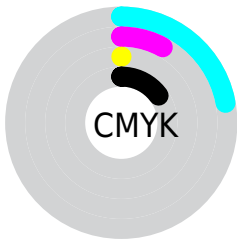
Distribution



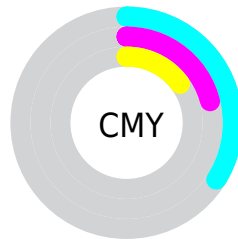
- Red (66%)
- Green (78%)
- Blue (85%)



- Red (66%)
- Yellow (74%)
- Blue (85%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)





- Cyan (34%)
- Magenta (21%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 13.643, 240.783 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, 13.643, 240.783 by changing the saturation by 10% instead.


 79, 13.643,
240.783

 79, 13.643,
240.783


 100, 13.643,
240.783


 69, 13.643,
240.783


 99, 13.643,
240.783

 59, 13.643,
240.783

 49, 13.643,
240.783

 39, 13.643,
240.783

 29, 13.643,
240.783

 19, 13.643,
240.783

 9, 13.643, 240.783

0, 13.643, 240.783

79, 13.643,
240.783

79, 13.643,
240.783

76, 19.367,
242.325

82, 7.615, 239.547

72, 24.726,
244.252

86, 1.344, 238.838

69, 29.668,
246.636

90, 5.113, 57.535

66, 34.163,
249.564

93, 11.354, 58.267

63, 38.218,
253.107

95, 12.518, 80.607

60, 41.901,
257.301

97, 15.165, 97.002

99, 18.649,
107.798

99, 19.066,

■ 58, 45.345,
262.100

108.735

■ 56, 48.059,
266.113

Harmonies

Complementary

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



79, 13.643, 240.783



78, 15.266, 56.374

Rectangle

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



79, 13.643, 240.783



79, 13.643, 290.783



79, 13.643, 60.783



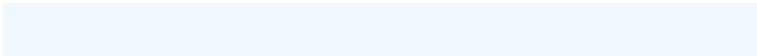
79, 13.643, 110.783

Sweetspot

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



79, 13.642, 240.776



97, 5.063, 239.054



83, 24.074, 154.632



52, 3.286, 239.107



0, 0.000, 0.000



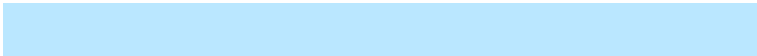
53, 0.007, 296.813

Same Dimension

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



79, 13.642, 240.776



89, 18.768, 241.531



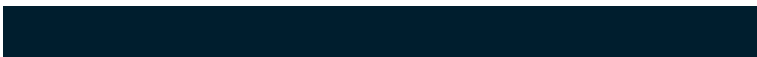
73, 22.259, 286.075



44, 3.618, 239.273



45, 40.200, 265.249



10, 14.544, 254.579

Inverse Universe

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



74, 24.300, 338.214



83, 33.852, 338.648



84, 21.539, 100.800



43, 6.239, 337.205



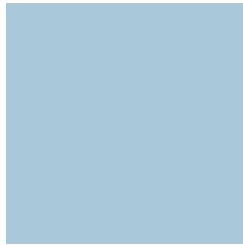
38, 67.009, 348.936



6, 27.067, 344.478

Previews

White Background



This preview shows how the CIELCh color 79, 13.643, 240.783 looks on a white background.

Color Contrast Check

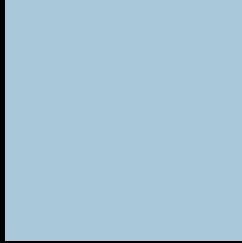
Large Text (above 18pt) WCAG AA × Fail

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, 13.643, 240.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

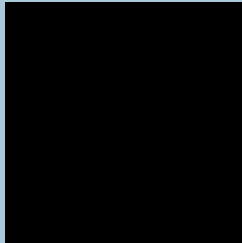
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

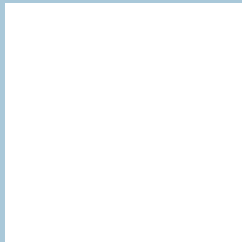
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 13.643, 240.783

Background



This preview shows how black text looks on a background with the CIELCh color 79, 13.643, 240.783.



This preview shows how white text looks on a background with the CIELCh color 79, 13.643, 240.783.

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, 13.328, 238.915

Trichromacy



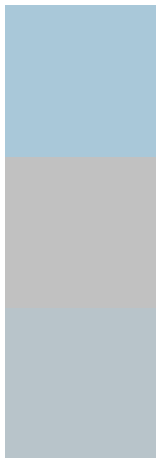
Original Color
79, 13.643, 240.783

Protanomaly
79, 10.880, 268.609

Deuteranomaly
79, 12.855, 286.686

Tritanomaly
79, 13.328, 238.915

Monochromacy



Original Color
79, 13.643, 240.783

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.300, 236.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 13.643, 240.783 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(169, 200, 217)` looks like.

```
.text, #text, p{  
    color:rgb(169, 200, 217)  
}
```

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(169, 200, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 200, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 13.643, 240.783 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(169, 200, 217) }
```

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

```
.border{ border-color:rgb(169, 200, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 200, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 200, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 200, 217);  
box-shadow:4px 4px 4px 4px rgb(169, 200,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 13.643, 240.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 200, 217) }
```

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

```
.background{ background-color: rgb(169,  
200, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor