

Converting Colors

CIELCh(79, 11.774, 248.302)

Have a look what the booklet for
CIELCh(79, 11.774, 248.302)
contains.

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Color

CIELCh(79, 11.843, 249.307)

Conversions

Conversions Part 1

Format	Color
Hex	B0C7D8
RGB	176, 199, 216
RGB Percent	69%, 78%, 85%
CMY	0.3105, 0.2203, 0.1536
CMYK	0.19, 0.08, 0.00, 0.15
HSL	205°, 34%, 77%
HSV	205°, 19%, 85%
XYZ	50.6234, 54.9284, 72.7833
YIQ	194.0610, -19.1650, 0.4110

Conversions

Conversions Part 2

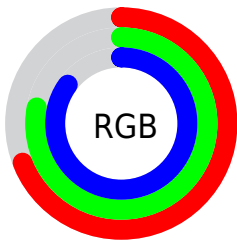
Format	Color
R_{YB}	176, 191, 216
Decimal	11585496
CIE _{Lab}	79.00, -4.18, -11.08
CIE _{LCh}	79, 11.843, 249.307
Yxy	54.9284, 0.2839, 0.3080
Android (android.graphics.Color)	4289775576 (0xFFB0C7D8)
YUV	194.0610, 10.8159, -15.8395
Hunter-Lab	74.1137, -7.7744, -6.3461

Details

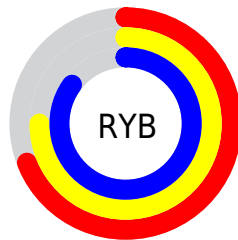
The CIELCh color `79, 11.843, 249.307` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79, 12.723, 64.840`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 7.855, 198.993`, and `59, 11.778, 249.542` is the 20% darker color. If you saturate the color by 10%, you get `75, 17.975, 250.963`, and if you desaturate by 10%, it is `83, 5.519, 247.955`.

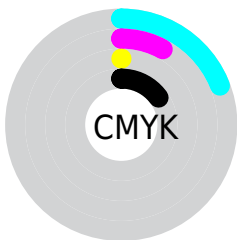
Distribution



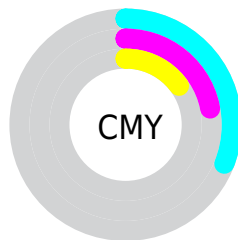
- Red (69%)
- Green (78%)
- Blue (85%)



- Red (69%)
- Yellow (75%)
- Blue (85%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (31%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 11.843, 249.307 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, 11.843, 249.307 by changing the saturation by 10% instead.

■ 79, 11.843,
249.307

■ 79, 11.843,
249.307

■ 100, 11.843,
249.307

■ 69, 11.843,
249.307

■ 99, 11.843,
249.307

■ 59, 11.843,
249.307

■ 49, 11.843,
249.307

■ 39, 11.843,
249.307

■ 29, 11.843,
249.307

■ 19, 11.843,
249.307

■ 9, 11.843, 249.307

0, 11.843, 249.307

79, 11.843,
249.307

79, 11.843,
249.307

75, 17.975,
250.963

83, 5.519, 247.955

71, 23.875,
252.989

87, 0.952, 66.246

68, 29.507,
255.444

91, 7.530, 65.695

64, 34.852,
258.400

97, 15.183, 94.456

61, 39.928,
261.913

99, 19.243,
107.462

57, 44.795,
266.000

99, 19.799,
108.679

■ 54, 49.566,
270.603

■ 52, 54.404,
275.508

■ 51, 55.140,
276.201

Harmonies

Complementary

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



79, 11.843, 249.307



79, 12.723, 64.840

Rectangle

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



79, 11.843, 249.307



79, 11.843, 299.307



79, 11.843, 69.307



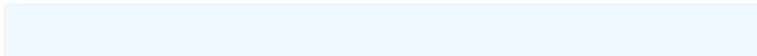
79, 11.843, 119.307

Sweetspot

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



79, 11.842, 249.299



97, 4.457, 247.683



83, 19.091, 157.917



52, 2.954, 247.752



0, 0.000, 0.000



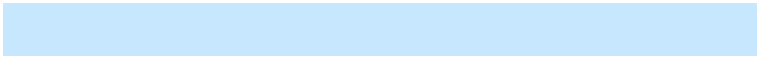
53, 0.007, 296.813

Same Dimension

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



79, 11.842, 249.299



90, 16.017, 249.873



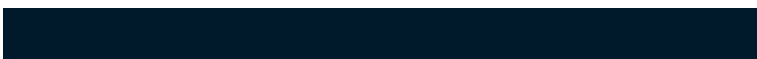
74, 19.886, 288.789



43, 3.645, 248.061



41, 45.686, 275.341



8, 15.382, 264.256

Inverse Universe

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



76, 19.277, 341.292



86, 26.262, 341.623



85, 19.204, 104.672



42, 5.821, 340.506



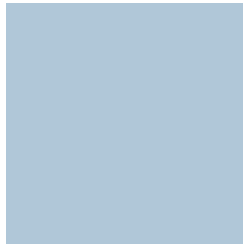
37, 64.134, 354.862



5, 24.426, 349.072

Previews

White Background



This preview shows how the CIELCh color 79, 11.843, 249.307 looks on a white background.

Color Contrast Check

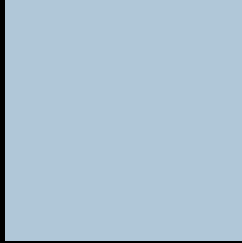
Large Text (above 18pt) WCAG AA × Fail

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, 11.843, 249.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

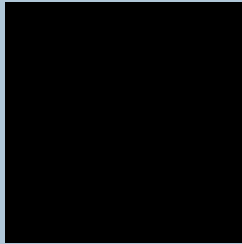
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

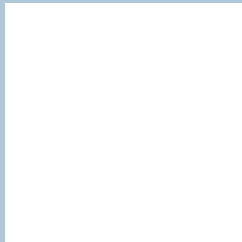
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 11.843, 249.307

Background



This preview shows how black text looks on a background with the CIELCh color 79, 11.843, 249.307.



This preview shows how white text looks on a background with the CIELCh color 79, 11.843, 249.307.

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, 11.843, 249.307

Protanopia
79, 10.160, 291.098

Deuteranopia
79, 15.849, 309.645



Tritanopia
79, 11.464, 247.426

Trichromacy



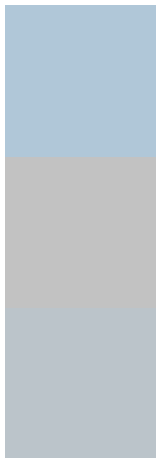
Original Color
79, 11.843, 249.307

Protanomaly
79, 10.049, 272.839

Deuteranomaly
79, 12.853, 292.895

Tritanomaly
79, 11.464, 247.426

Monochromacy



Original Color
79, 11.843, 249.307

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 4.506, 244.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 11.843, 249.307 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(176, 199, 216)` looks like.

```
.text, #text, p{  
    color:rgb(176, 199, 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(176, 199, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 199, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 11.843, 249.307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

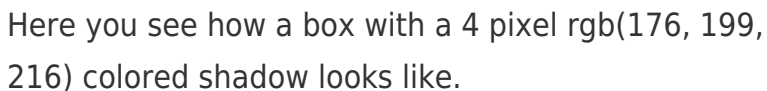
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 199, 216) }
```

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

```
.border{ border-color:rgb(176, 199, 216) }
```

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



Here you see how a box with a 4 pixel rgb(176, 199, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 199, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 199, 216); box-shadow:4px 4px 4px 4px rgb(176, 199, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 11.843, 249.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 199, 216) }
```

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

```
.background{ background-color: rgb(176,  
199, 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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