

Converting Colors

CIELCh(79, 18.460, 271.603)

Have a look what the booklet for
CIELCh(79, 18.460, 271.603)
contains.

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Color

CIELCh(79, 18.534, 271.838)

Conversions

Conversions Part 1

Format	Color
Hex	B2C5E6
RGB	178, 197, 230
RGB Percent	70%, 77%, 90%
CMY	0.3031, 0.2286, 0.0992
CMYK	0.23, 0.14, 0.00, 0.10
HSL	218°, 51%, 80%
HSV	218°, 23%, 90%
XYZ	52.4355, 54.9284, 82.4813
YIQ	195.0810, -21.9170, 6.2350

Conversions

Conversions Part 2

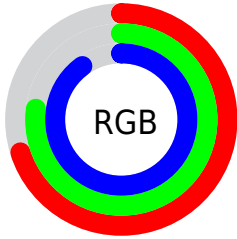
Format	Color
R_{YB}	178, 192, 230
Decimal	11716070
CIE Lab	79.00, 0.59, -18.52
CIE LCh	79, 18.534, 271.838
Yxy	54.9284, 0.2762, 0.2893
Android (android.graphics.Color)	4289906150 (0xFFB2C5E6)
YUV	195.0810, 17.2151, -14.9800
Hunter-Lab	74.1137, -3.4101, -14.1044

Details

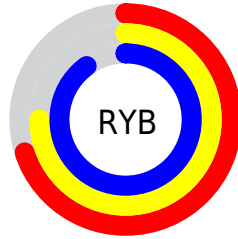
The CIELCh color **79, 18.534, 271.838** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85, 18.799, 85.534**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 6.853, 203.347**, and **59, 18.409, 272.594** is the 20% darker color. If you saturate the color by 10%, you get **74, 26.872, 273.738**, and if you desaturate by 10%, it is **84, 10.288, 270.220**.

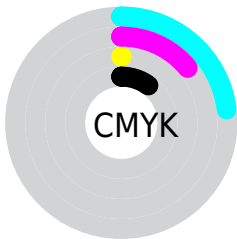
Distribution



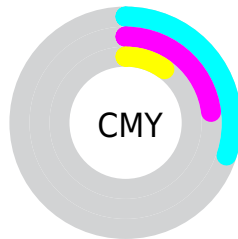
- Red (70%)
- Green (77%)
- Blue (90%)



- Red (70%)
- Yellow (75%)
- Blue (90%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 18.534, 271.838 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, 18.534, 271.838 by changing the saturation by 10% instead.

■ 79, 18.534,
271.838

■ 79, 18.534,
271.838

■ 100, 18.534,
271.838

■ 69, 18.534,
271.838

■ 99, 18.534,
271.838

■ 59, 18.534,
271.838

■ 49, 18.534,
271.838

■ 39, 18.534,
271.838

■ 29, 18.534,
271.838

■ 19, 18.534,
271.838

■ 9, 18.534, 271.838

■ 0, 18.534, 271.838

■ 79, 18.534,
271.838

■ 79, 18.534,
271.838

■ 74, 26.872,
273.738

■ 84, 10.288,
270.220

■ 68, 35.315,
275.972

■ 90, 2.139, 268.937

■ 63, 43.880,
278.580

■ 95, 5.911, 87.553

■ 58, 52.606,
281.587

■ 99, 12.803,
109.210

■ 53, 61.539,
284.980

■ 48, 70.713,
288.679

■ 44, 80.088,
292.521

■ 41, 87.035,
295.249

Harmonies

Complementary

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



79, 18.534, 271.838



85, 18.799, 85.534

Rectangle

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



79, 18.534, 271.838



79, 18.534, 321.838



79, 18.534, 91.838



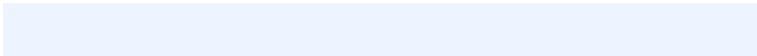
79, 18.534, 141.838

Sweetspot

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



79, 18.533, 271.835



96, 6.189, 269.438



87, 20.821, 169.355



51, 4.022, 269.518



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, 18.533, 271.835



84, 24.125, 272.657



75, 28.303, 297.450



45, 4.615, 269.764



32, 70.819, 294.605



6, 24.454, 286.147

Inverse Universe

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



78, 21.903, 353.866



82, 28.598, 354.424



90, 26.882, 113.661



45, 5.381, 352.412



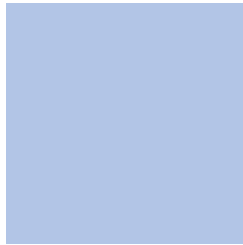
38, 65.387, 14.850



7, 26.783, 4.577

Previews

White Background



This preview shows how the CIELCh color 79, 18.534, 271.838 looks on a white background.

Color Contrast Check

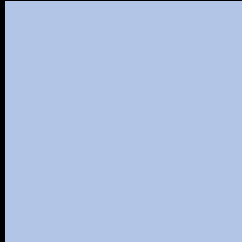
Large Text (above 18pt) WCAG AA × Fail

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, 18.534, 271.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

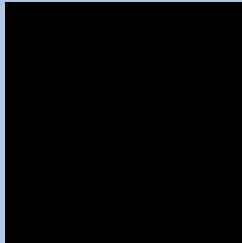
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

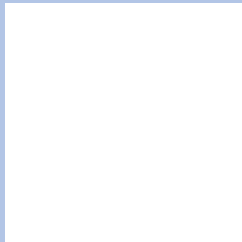
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 18.534, 271.838

Background



This preview shows how black text looks on a background with the CIELCh color 79, 18.534, 271.838.



This preview shows how white text looks on a background with the CIELCh color 79, 18.534, 271.838.

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, 18.534, 271.838

Protanopia

79, 18.214, 286.471

Deuteranopia

79, 21.546, 297.508



Tritanopia
79, 11.685, 246.207

Trichromacy



Original Color
79, 18.534, 271.838

Protanomaly
79, 18.389, 281.271

Deuteranomaly
79, 20.325, 289.147

Tritanomaly
79, 13.730, 258.308

Monochromacy



Original Color
79, 18.534, 271.838

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.830, 269.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 18.534, 271.838 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(178, 197, 230)` looks like.

```
.text, #text, p{  
    color:rgb(178, 197, 230)  
}
```

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(178, 197, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 197, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 18.534, 271.838 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(178, 197, 230) }
```

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

```
.border{ border-color:rgb(178, 197, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 197, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 197, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 197, 230);  
box-shadow:4px 4px 4px 4px rgb(178, 197,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 18.534, 271.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 197, 230) }
```

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

```
.background{ background-color: rgb(178,  
197, 230) }
```

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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