

Converting Colors

CIELCh(79, 18.806, 285.595)

Have a look what the booklet for
CIELCh(79, 18.806, 285.595)
contains.

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Color

CIELCh(79, 18.771, 285.662)

Conversions

Conversions Part 1

Format	Color
Hex	BCC2E5
RGB	188, 194, 229
RGB Percent	74%, 76%, 90%
CMY	0.2628, 0.2392, 0.1020
CMYK	0.18, 0.15, 0.00, 0.10
HSL	231°, 44%, 82%
HSV	231°, 18%, 90%
XYZ	54.1701, 54.9284, 81.8715
YIQ	196.1960, -14.8110, 9.6130

Conversions

Conversions Part 2

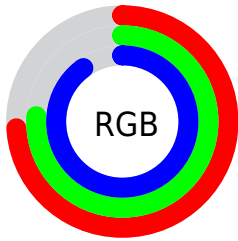
Format	Color
R _{YB}	188, 193, 229
Decimal	12370661
CIE Lab	79.00, 5.07, -18.07
CIE LCh	79, 18.771, 285.662
Yxy	54.9284, 0.2837, 0.2876
Android (android.graphics.Color)	4290560741 (0xFFBCC2E5)
YUV	196.1960, 16.1724, -7.1879
Hunter-Lab	74.1137, 0.7677, -13.6166

Details

The CIELCh color $79, 18.771, 285.662$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $88, 18.272, 101.467$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 3.064, 256.053$, and $59, 18.238, 284.514$ is the 20% darker color. If you saturate the color by 10%, you get $72, 29.757, 287.193$, and if you desaturate by 10%, it is $86, 8.155, 284.359$.

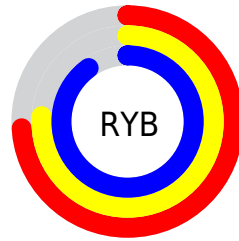
Distribution



Red (74%)

Green (76%)

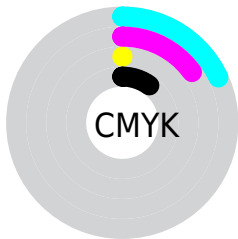
Blue (90%)



Red (74%)

Yellow (76%)

Blue (90%)

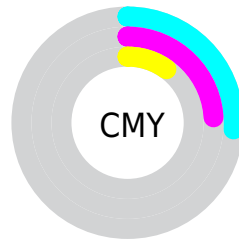


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (10%)



Cyan (26%)


Magenta (24%)

Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 18.771, 285.662 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, 18.771, 285.662 by changing the saturation by 10% instead.

 79, 18.771,
285.662

 79, 18.771,
285.662

 100, 18.771,
285.662

 69, 18.771,
285.662

 99, 18.771,
285.662

 59, 18.771,
285.662

 49, 18.771,
285.662

 39, 18.771,
285.662

 29, 18.771,
285.662

 19, 18.771,
285.662

 9, 18.771, 285.662

■ 0, 18.771, 285.662

■ 79, 18.771,
285.662

■ 79, 18.771,
285.662

■ 72, 29.757,
287.193

■ 86, 8.155, 284.359

■ 66, 41.152,
288.989

■ 92, 2.115, 103.154

■ 59, 52.986,
291.078

■ 99, 12.011,
105.175

■ 53, 65.267,
293.466

■ 99, 13.160,
109.183

■ 46, 77.919,
296.112

■ 41, 90.645,
298.893

■ 36, 102.734,
301.584

■ 32, 112.942,
303.872

■ 31, 114.729,
304.251

Harmonies

Complementary

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



79, 18.771, 285.662



88, 18.272, 101.467

Rectangle

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



79, 18.771, 285.662



79, 18.771, 335.662



79, 18.771, 105.662



79, 18.771, 155.662

Sweetspot

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



79, 18.769, 285.659



96, 5.607, 284.029



88, 14.548, 185.642



51, 3.829, 284.108



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, 18.769, 285.659



85, 24.152, 286.126



79, 22.600, 304.700



45, 5.884, 284.546



24, 94.140, 303.919



4, 30.276, 293.724

Inverse Universe

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



80, 15.800, 9.123



86, 20.408, 9.506



89, 21.882, 122.710



45, 4.897, 8.203



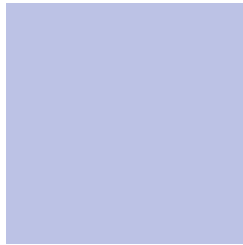
37, 73.577, 33.044



7, 26.733, 15.672

Previews

White Background



This preview shows how the CIELCh color 79, 18.771, 285.662 looks on a white background.

Color Contrast Check

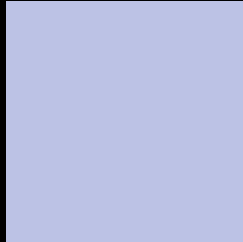
Large Text (above 18pt) WCAG AA × Fail

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, 18.771, 285.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

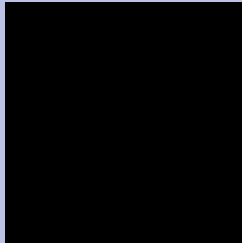
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 18.771, 285.662

Background



This preview shows how black text looks on a background with the CIELCh color 79, 18.771, 285.662.



This preview shows how white text looks on a background with the CIELCh color 79, 18.771, 285.662.

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, 18.771, 285.662

Protanopia

79, 18.745, 286.681

Deuteranopia

79, 21.054, 298.539



Tritanopia
79, 8.957, 262.969

Trichromacy



Original Color
79, 18.771, 285.662

Protanomaly
79, 18.745, 286.681

Deuteranomaly
79, 20.358, 293.902

Tritanomaly
79, 12.170, 274.752

Monochromacy



Original Color
79, 18.771, 285.662

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.973, 284.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 18.771, 285.662 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(188, 194, 229)` looks like.

```
.text, #text, p{  
    color:rgb(188, 194, 229)  
}
```

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(188, 194, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 194, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 18.771, 285.662 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(188, 194, 229) }
```

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

```
.border{ border-color:rgb(188, 194, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 194, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 194, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 194, 229);  
box-shadow:4px 4px 4px 4px rgb(188, 194,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 18.771, 285.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 194, 229) }
```

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

```
.background{ background-color: rgb(188,  
194, 229) }
```

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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