

Converting Colors

CIELCh(79, 18.726, 287.713)

Have a look what the booklet for
CIELCh(79, 18.726, 287.713)
contains.

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Color

CIELCh(79, 18.724, 287.706)

Conversions

Conversions Part 1

Format	Color
Hex	BEC2E5
RGB	190, 194, 229
RGB Percent	75%, 76%, 90%
CMY	0.2565, 0.2408, 0.1036
CMYK	0.17, 0.15, 0.00, 0.10
HSL	234°, 42%, 82%
HSV	234°, 17%, 90%
XYZ	54.4163, 54.9284, 81.5519
YIQ	196.7940, -13.6190, 10.0370

Conversions

Conversions Part 2

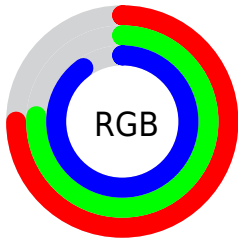
Format	Color
RYB	190, 194, 229
Decimal	12501733
CIELab	79.00, 5.69, -17.84
CIELCh	79, 18.724, 287.706
Yxy	54.9284, 0.2851, 0.2877
Android (android.graphics.Color)	4290691813 (0xFFBEC2E5)
YUV	196.7940, 15.8776, -5.9583
Hunter-Lab	74.1137, 1.3607, -13.3609

Details

The CIELCh color **79, 18.724, 287.706** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89, 18.165, 103.866**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 2.746, 268.166**, and **59, 18.738, 287.998** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.252, 289.172**, and if you desaturate by 10%, it is **86, 7.614, 286.461**.

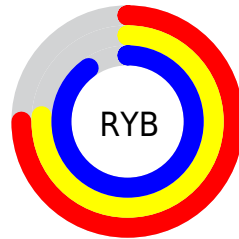
Distribution



Red (75%)

Green (76%)

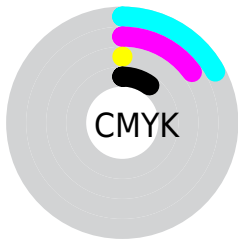
Blue (90%)



Red (75%)

Yellow (76%)

Blue (90%)

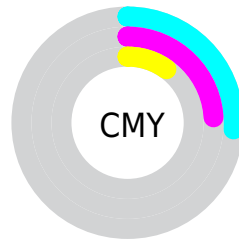


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (10%)



Cyan (26%)


Magenta (24%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 18.724, 287.706 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, 18.724, 287.706 by changing the saturation by 10% instead.

 79, 18.724,
287.706

 79, 18.724,
287.706


 100, 18.724,
287.706


 69, 18.724,
287.706


 99, 18.724,
287.706

 59, 18.724,
287.706

 49, 18.724,
287.706

 39, 18.724,
287.706

 29, 18.724,
287.706

 19, 18.724,
287.706

 9, 18.724, 287.706

■ 0, 18.724, 287.706

■ 79, 18.724,
287.706

■ 79, 18.724,
287.706

■ 72, 30.252,
289.172

■ 86, 7.614, 286.461

■ 65, 42.238,
290.894

■ 93, 3.107, 105.339

■ 58, 54.710,
292.896

■ 99, 13.372,
109.167

■ 52, 67.656,
295.180

■ 45, 80.946,
297.693

■ 39, 94.159,
300.298

■ 34, 106.349,
302.743

■ 31, 115.981,
304.705

■ 30, 118.128,
305.122

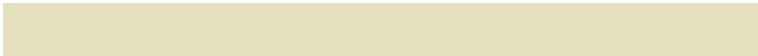
Harmonies

Complementary

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



79, 18.724, 287.706



89, 18.165, 103.866

Rectangle

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



79, 18.724, 287.706



79, 18.724, 337.706



79, 18.724, 107.706



79, 18.724, 157.706

Sweetspot

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



79, 18.722, 287.703



96, 5.878, 286.237



88, 13.681, 188.468



51, 4.014, 286.314



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, 18.722, 287.703



85, 24.124, 288.128



79, 21.571, 305.819



44, 6.173, 286.739



23, 97.296, 304.866



3, 31.282, 294.704

Inverse Universe

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



80, 14.886, 12.443



87, 19.262, 12.787



89, 20.950, 124.025



45, 4.852, 11.658



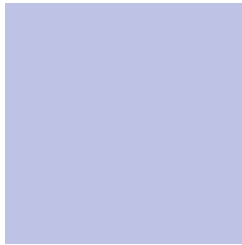
37, 75.656, 35.591



6, 26.814, 17.504

Previews

White Background



This preview shows how the CIELCh color 79, 18.724, 287.706 looks on a white background.

Color Contrast Check

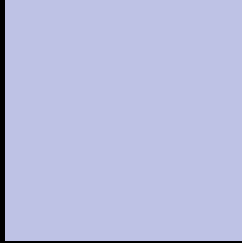
Large Text (above 18pt) WCAG AA × Fail

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, 18.724, 287.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

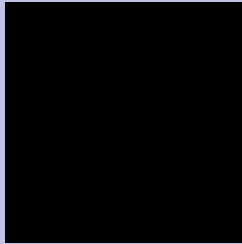
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 18.724, 287.706

Background



This preview shows how black text looks on a background with the CIELCh color 79, 18.724, 287.706.



This preview shows how white text looks on a background with the CIELCh color 79, 18.724, 287.706.

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, 18.724, 287.706

Protanopia

79, 18.745, 286.681

Deuteranopia

79, 20.524, 298.677



Tritanopia
79, 9.047, 270.550

Trichromacy



Original Color
79, 18.724, 287.706

Protanomaly
79, 18.745, 286.681

Deuteranomaly
79, 19.844, 294.894

Tritanomaly
79, 12.476, 280.089

Monochromacy



Original Color
79, 18.724, 287.706

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.952, 287.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 18.724, 287.706 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(190, 194, 229)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 194, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 194, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 18.724, 287.706 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(190, 194, 229) }
```

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

```
.border{ border-color:rgb(190, 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(190, 194, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 194, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 194, 229);  
box-shadow:4px 4px 4px 4px rgb(190, 194,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 18.724, 287.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 194, 229) }
```

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

```
.background{ background-color: rgb(190,  
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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