

Converting Colors

CIELCh(79, 16.323, 265.981)

Have a look what the booklet for
CIELCh(79, 16.323, 265.981)
contains.

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Color

CIELCh(79, 16.323, 265.981)

Conversions

Conversions Part 1

Format	Color
Hex	B1C6E2
RGB	177, 198, 226
RGB Percent	69%, 78%, 89%
CMY	0.3077, 0.2254, 0.1156
CMYK	0.22, 0.12, 0.00, 0.12
HSL	214°, 45%, 79%
HSV	214°, 22%, 88%
XYZ	51.7714, 54.9284, 79.4762
YIQ	194.9130, -21.5040, 4.2560

Conversions

Conversions Part 2

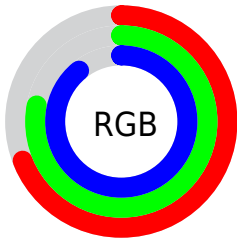
Format	Color
RYB	177, 192, 226
Decimal	11650786
CIELab	79.00, -1.14, -16.28
CIELCh	79, 16.323, 265.981
Yxy	54.9284, 0.2781, 0.2950
Android (android.graphics.Color)	4289840866 (0xFFB1C6E2)
YUV	194.9130, 15.3259, -15.7097
Hunter-Lab	74.1137, -5.0094, -11.7004

Details

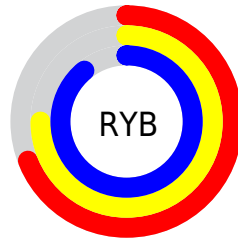
The CIELCh color $79, 16.323, 265.981$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $83, 16.871, 79.904$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 7.521, 199.018$, and $59, 16.553, 267.244$ is the 20% darker color. If you saturate the color by 10%, you get $74, 23.844, 267.888$, and if you desaturate by 10%, it is $84, 8.802, 264.367$.

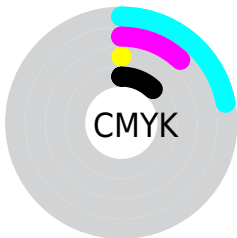
Distribution



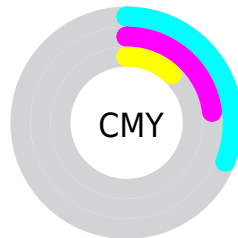
- Red (69%)
- Green (78%)
- Blue (89%)



- Red (69%)
- Yellow (75%)
- Blue (89%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 16.323, 265.981 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, 16.323, 265.981 by changing the saturation by 10% instead.

■ 79, 16.323,
265.981

■ 79, 16.323,
265.981

■ 100, 16.323,
265.981

■ 69, 16.323,
265.981

■ 99, 16.323,
265.981

■ 59, 16.323,
265.981

■ 49, 16.323,
265.981

■ 39, 16.323,
265.981

■ 29, 16.323,
265.981

■ 19, 16.323,
265.981

■ 9, 16.323, 265.981

0, 16.323, 265.981

79, 16.323,
265.981

79, 16.323,
265.981

74, 23.844,
267.888

84, 8.802, 264.367

69, 31.363,
270.146

89, 1.297, 263.204

65, 38.885,
272.800

94, 6.176, 81.698

60, 46.437,
275.888

98, 12.150, 98.986

55, 54.069,
279.413

99, 14.917,
109.050

51, 61.852,
283.321

■ 47, 69.840,
287.472

■ 44, 76.617,
290.867

Harmonies

Complementary

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



79, 16.323, 265.981



83, 16.871, 79.904

Rectangle

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



79, 16.323, 265.981



79, 16.323, 315.981



79, 16.323, 85.981



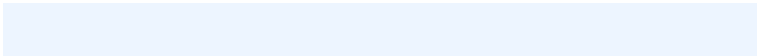
79, 16.323, 135.981

Sweetspot

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



79, 16.322, 265.977



96, 5.807, 263.717



86, 20.683, 165.406



51, 3.773, 263.797



0, 0.000, 0.000



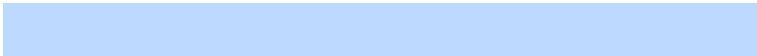
53, 0.007, 296.813

Same Dimension

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



79, 16.322, 265.977



86, 21.589, 266.789



74, 26.633, 295.008



45, 4.247, 264.041



34, 62.547, 290.147



7, 21.244, 280.966

Inverse Universe

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



77, 21.407, 349.746



83, 28.430, 350.253



88, 25.322, 110.918



44, 5.486, 348.474



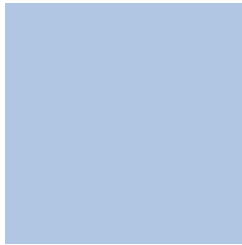
37, 63.961, 8.685



6, 25.852, 359.828

Previews

White Background



This preview shows how the CIELCh color 79, 16.323, 265.981 looks on a white background.

Color Contrast Check

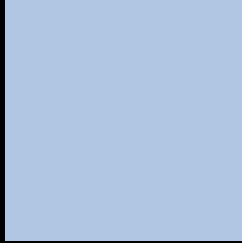
Large Text (above 18pt) WCAG AA × Fail

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, 16.323, 265.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

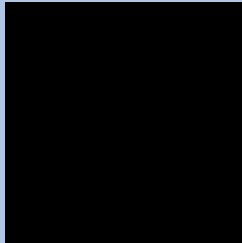
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

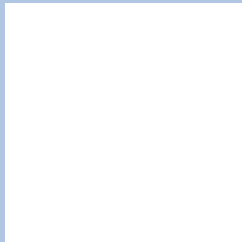
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 16.323, 265.981

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.323, 265.981.



This preview shows how white text looks on a background with the CIELCh color 79, 16.323, 265.981.

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, 16.323, 265.981

Protanopia

79, 15.536, 286.505

Deuteranopia

79, 19.513, 299.989



Tritanopia
79, 11.685, 246.207

Trichromacy



Original Color
79, 16.323, 265.981

Protanomaly
79, 15.785, 279.130

Deuteranomaly
79, 17.651, 289.548

Tritanomaly
79, 13.296, 256.952

Monochromacy



Original Color
79, 16.323, 265.981

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 5.859, 265.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.323, 265.981 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(177, 198, 226)` looks like.

```
.text, #text, p{  
    color:rgb(177, 198, 226)  
}
```

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(177, 198, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 198, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.323, 265.981 is called "border". The border property can be set on classes, ids or directly on the HTML element.

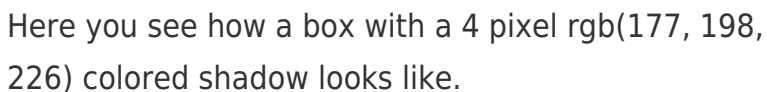
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 198, 226) }
```

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

```
.border{ border-color:rgb(177, 198, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 198, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 198, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 198, 226); box-shadow:4px 4px 4px 4px rgb(177, 198, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.323, 265.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 198, 226) }
```

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

```
.background{ background-color: rgb(177,  
198, 226) }
```

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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