

Converting Colors

CIELCh(79, 6.470, 297.134)

Have a look what the booklet for
CIELCh(79, 6.470, 297.134) contains.

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Color

CIELCh(79, 6.470, 297.134)

Conversions

Conversions Part 1

Format	Color
Hex	C4C2CE
RGB	196, 194, 206
RGB Percent	77%, 76%, 81%
CMY	0.2304, 0.2382, 0.1912
CMYK	0.05, 0.06, 0.00, 0.19
HSL	250°, 11%, 79%
HSV	250°, 6%, 81%
XYZ	53.3446, 54.9284, 66.3394
YIQ	195.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

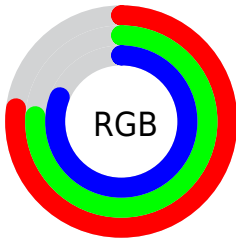
Format	Color
RYB	196, 194, 206
Decimal	12894926
CIELab	79.00, 2.95, -5.76
CIELCh	79, 6.470, 297.134
Yxy	54.9284, 0.3055, 0.3146
Android (android.graphics.Color)	4291085006 (0xFFC4C2CE)
YUV	195.9660, 4.9468, 0.0298
Hunter-Lab	74.1137, -1.2205, -1.1911

Details

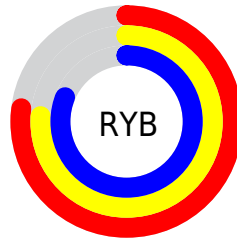
The CIELCh color $79, 6.470, 297.134$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 6.374, 116.283$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.776, 312.500$, and $59, 6.868, 297.282$ is the 20% darker color. If you saturate the color by 10%, you get $72, 17.915, 297.955$, and if you desaturate by 10%, it is $86, 4.545, 116.411$.

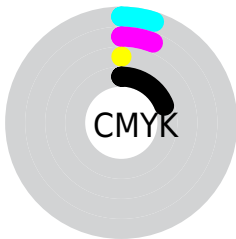
Distribution



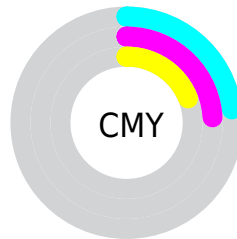
- Red (77%)
- Green (76%)
- Blue (81%)



- Red (77%)
- Yellow (76%)
- Blue (81%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (23%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 6.470, 297.134 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, 6.470, 297.134 by changing the saturation by 10% instead.

■ 79, 6.470, 297.134

■ 79, 6.470, 297.134

■ 100, 6.470,
297.134

■ 69, 6.470, 297.134

■ 99, 6.470, 297.134

■ 59, 6.470, 297.134

■ 49, 6.470, 297.134

■ 39, 6.470, 297.134

■ 29, 6.470, 297.134

■ 19, 6.470, 297.134

■ 9, 6.470, 297.134

■ 0, 6.470, 297.134

■ 79, 6.470, 297.134

■ 79, 6.470, 297.134

72, 17.915,
297.955

86, 4.545, 116.411

66, 29.818,
298.915

92, 15.150,
115.798

59, 42.181,
300.014

98, 24.782,
114.506

52, 54.970,
301.252

99, 24.611,
108.311

46, 68.054,
302.605

40, 81.103,
304.005

35, 93.421,
305.321

30, 103.790,
306.340

27, 110.689,

306.821

Harmonies

Complementary

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



79, 6.470, 297.134



82, 6.374, 116.283

Rectangle

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



79, 6.470, 297.134



79, 6.470, 347.134



79, 6.470, 117.134



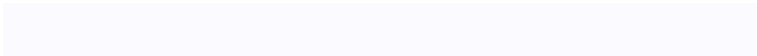
79, 6.470, 167.134

Sweetspot

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



79, 6.468, 297.126



98, 2.630, 296.843



81, 3.761, 214.015



52, 1.495, 296.835



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, 6.468, 297.126



94, 9.265, 297.224



79, 7.037, 314.344



40, 5.015, 297.258



20, 95.774, 307.046



2, 23.676, 296.733

Inverse Universe

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



80, 6.936, 329.689



96, 9.922, 329.774



82, 6.985, 133.914



41, 5.368, 329.802



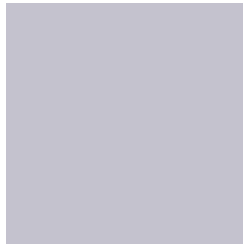
38, 73.591, 336.107



5, 25.352, 333.811

Previews

White Background



This preview shows how the CIELCh color 79, 6.470, 297.134 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 CIE LCh color 79, 6.470, 297.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

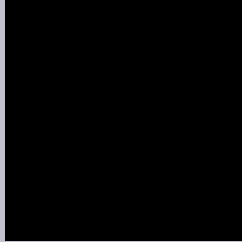
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

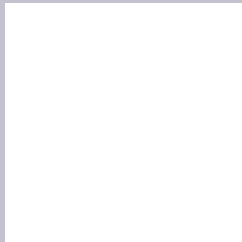
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 6.470, 297.134

Background



This preview shows how black text looks on a background with the CIELCh color 79, 6.470, 297.134.

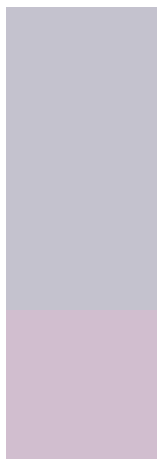


This preview shows how white text looks on a background with the CIELCh color 79, 6.470, 297.134.

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, 6.470, 297.134

Protanopia

79, 6.470, 297.134

Deuteranopia

79, 11.461, 327.932



Tritanopia
79, 8.109, 298.494

Trichromacy



Original Color
79, 6.470, 297.134

Protanomaly
79, 6.470, 297.134

Deuteranomaly
79, 9.165, 319.106

Tritanomaly
79, 7.580, 298.998

Monochromacy



Original Color
79, 6.470, 297.134

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 2.707, 298.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 6.470, 297.134 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(196, 194, 206)` looks like.

```
.text, #text, p{  
    color:rgb(196, 194, 206)  
}
```

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(196, 194, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 194, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 6.470, 297.134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

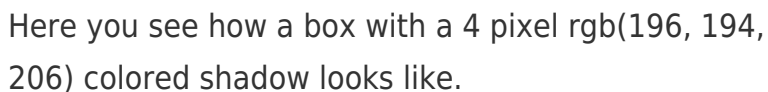
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 194, 206) }
```

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

```
.border{ border-color:rgb(196, 194, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 194, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 194, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 194, 206); box-shadow:4px 4px 4px 4px rgb(196, 194, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 6.470, 297.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 194, 206) }
```

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

```
.background{ background-color: rgb(196,  
194, 206) }
```

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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