

Converting Colors

CIELCh(79, 16.041, 267.637)

Have a look what the booklet for
CIELCh(79, 16.041, 267.637)
contains.

CIELCh(79, 16.087, 268.125)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 16.087, 268.125)

Conversions

Conversions Part 1

Format	Color
Hex	B2C5E1
RGB	178, 197, 225
RGB Percent	70%, 77%, 88%
CMY	0.3014, 0.2268, 0.1170
CMYK	0.21, 0.12, 0.00, 0.12
HSL	216°, 44%, 79%
HSV	216°, 21%, 88%
XYZ	52.0067, 54.9284, 79.2058
YIQ	194.5110, -20.3120, 4.6800

Conversions

Conversions Part 2

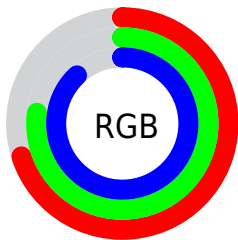
Format	Color
R _Y B	178, 192, 225
Decimal	11716065
CIE Lab	79.00, -0.53, -16.08
CIE LCh	79, 16.087, 268.125
Yxy	54.9284, 0.2794, 0.2951
Android (android.graphics.Color)	4289906145 (0xFFB2C5E1)
YUV	194.5110, 15.0311, -14.4801
Hunter-Lab	74.1137, -4.4427, -11.4841

Details

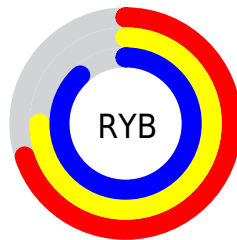
The CIELCh color $79, 16.087, 268.125$ is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be $84, 16.478, 82.310$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 6.853, 203.347$, and $59, 16.330, 269.426$ is the 20% darker color. If you saturate the color by 10%, you get $74, 23.851, 269.994$, and if you desaturate by 10%, it is $84, 8.359, 266.539$.

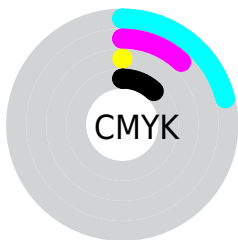
Distribution



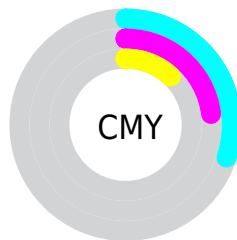
- Red (70%)
- Green (77%)
- Blue (88%)



- Red (70%)
- Yellow (75%)
- Blue (88%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)





- Cyan (30%)
- Magenta (23%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 16.087, 268.125 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, 16.087, 268.125 by changing the saturation by 10% instead.


 79, 16.087,
268.125


 79, 16.087,
268.125


 100, 16.087,
268.125


 69, 16.087,
268.125


 99, 16.087,
268.125

 59, 16.087,
268.125

 49, 16.087,
268.125

 39, 16.087,
268.125

 29, 16.087,
268.125

 19, 16.087,
268.125

 9, 16.087, 268.125

■ 0, 16.087, 268.125

■ 79, 16.087,
268.125

■ 79, 16.087,
268.125

■ 74, 23.851,
269.994

■ 84, 8.359, 266.539

■ 69, 31.653,
272.202

■ 89, 0.679, 265.606

■ 94, 6.943, 83.914

■ 64, 39.501,
274.792

■ 98, 13.098,
102.468

■ 59, 47.425,
277.799

■ 99, 15.099,
109.036

■ 55, 55.473,
281.226

■ 50, 63.705,
285.017

■ 46, 72.154,
289.036

■ 43, 80.022,
292.651

Harmonies

Complementary

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



79, 16.087, 268.125



84, 16.478, 82.310

Rectangle

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



79, 16.087, 268.125



79, 16.087, 318.125



79, 16.087, 88.125



79, 16.087, 138.125

Sweetspot

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



79, 16.086, 268.121



97, 5.097, 265.883



86, 19.622, 166.471



51, 3.381, 265.966



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, 16.086, 268.121



86, 21.333, 268.888



74, 25.534, 295.495



44, 4.351, 266.336



33, 65.405, 291.965



6, 21.997, 282.649

Inverse Universe

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



77, 20.246, 351.165



84, 26.950, 351.661



88, 24.334, 111.697



44, 5.404, 349.957



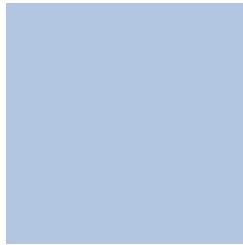
37, 64.137, 11.051



6, 25.711, 1.460

Previews

White Background



This preview shows how the CIELCh color 79, 16.087, 268.125 looks on a white background.

Color Contrast Check

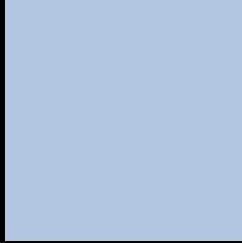
Large Text (above 18pt) WCAG AA × Fail

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, 16.087, 268.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

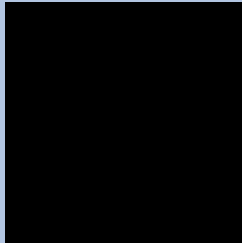
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

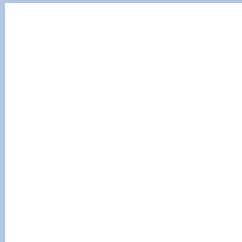
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 16.087, 268.125

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.087, 268.125.



This preview shows how white text looks on a background with the CIELCh color 79, 16.087, 268.125.

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





Tritanopia
79, 11.464, 247.426

Trichromacy



Original Color
79, 16.087, 268.125

Protanomaly
79, 15.724, 280.331

Deuteranomaly
79, 17.651, 289.548

Tritanomaly
79, 13.124, 258.170

Monochromacy



Original Color
79, 16.087, 268.125

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 5.854, 265.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.087, 268.125 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(178, 197, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 197, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.087, 268.125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

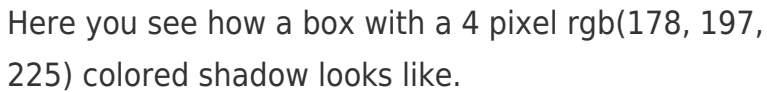
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 197, 225) }
```

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

```
.border{ border-color:rgb(178, 197, 225) }
```

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, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 197, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 197, 225);  
box-shadow:4px 4px 4px 4px rgb(178, 197,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.087, 268.125 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, 225) }
```

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

```
.background{ background-color: rgb(178,  
197, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor