

Converting Colors

CIELCh(76, 23.284, 287.692)

Have a look what the booklet for
CIELCh(76, 23.284, 287.692)
contains.

CIELCh(76, 23.211, 287.380)	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(76, 23.211, 287.380)

Conversions

Conversions Part 1

Format	Color
Hex	B3B9E4
RGB	179, 185, 228
RGB Percent	70%, 73%, 89%
CMY	0.2980, 0.2745, 0.1058
CMYK	0.21, 0.19, 0.00, 0.11
HSL	233°, 48%, 80%
HSV	233°, 21%, 89%
XYZ	49.9471, 49.8872, 80.4014
YIQ	188.1080, -17.3790, 12.1010

Conversions

Conversions Part 2

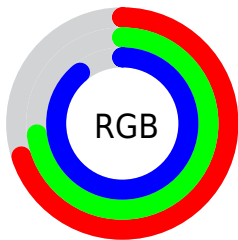
Format	Color
R_{YB}	179, 184, 228
Decimal	11778532
CIE Lab	76.00, 6.93, -22.15
CIE LCh	76, 23.211, 287.380
Yxy	49.8872, 0.2771, 0.2768
Android (android.graphics.Color)	4289968612 (0xFFB3B9E4)
YUV	188.1080, 19.6668, -7.9877
Hunter-Lab	70.6309, 2.6235, -18.0500

Details

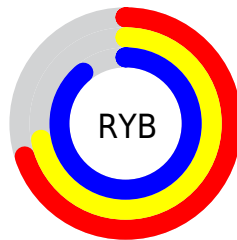
The CIELCh color **76, 23.211, 287.380** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88, 22.390, 102.362**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 7.445, 274.736**, and **56, 22.953, 287.719** is the 20% darker color. If you saturate the color by 10%, you get **69, 34.634, 288.976**, and if you desaturate by 10%, it is **83, 12.197, 286.020**.

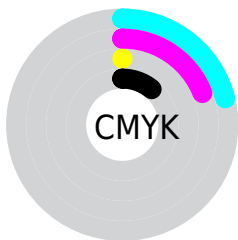
Distribution



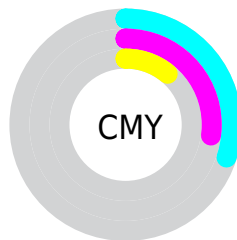
- Red (70%)
- Green (73%)
- Blue (89%)



- Red (70%)
- Yellow (72%)
- Blue (89%)



- Cyan (21%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)





- Cyan (30%)
- Magenta (27%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 23.211, 287.380 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 76, 23.211, 287.380 by changing the saturation by 10% instead.


 76, 23.211,
287.380


 76, 23.211,
287.380


 100, 23.211,
287.380


 66, 23.211,
287.380


 96, 23.211,
287.380

 56, 23.211,
287.380

 46, 23.211,
287.380

 36, 23.211,
287.380

 26, 23.211,
287.380

 16, 23.211,
287.380

 6, 23.211, 287.380

■ 0, 23.211, 287.380

■ 76, 23.211,
287.380

■ 76, 23.211,
287.380

■ 69, 34.634,
288.976

■ 83, 12.197,
286.020

■ 62, 46.506,
290.844

■ 90, 1.564, 284.929

■ 56, 58.847,
293.003

■ 96, 8.718, 103.837

■ 49, 71.628,
295.440

■ 99, 13.658,
109.145

■ 43, 84.663,
298.080

■ 38, 97.429,
300.747

■ 33,108.851,
303.166

■ 30,116.401,
304.758

Harmonies

Complementary

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



76, 23.211, 287.380



88, 22.390, 102.362

Rectangle

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



76, 23.211, 287.380



76, 23.211, 337.380



76, 23.211, 107.380



76, 23.211, 157.380

Sweetspot

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



76, 23.209, 287.378



96, 6.915, 285.373



87, 17.139, 186.696



50, 4.591, 285.447



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 23.209, 287.378



81, 31.006, 288.093



76, 27.255, 305.515



44, 6.041, 285.771



23, 95.957, 304.471



3, 30.825, 294.268

Inverse Universe

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



77, 19.024, 11.403



83, 25.548, 11.994



88, 26.236, 123.153



45, 4.870, 10.084



37, 74.729, 34.499



6, 26.774, 16.675

Previews

White Background



This preview shows how the CIELCh color 76, 23.211, 287.380 looks on a white background.

Color Contrast Check

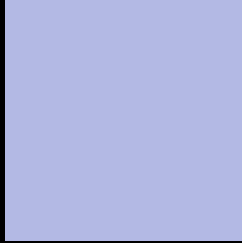
Large Text (above 18pt) WCAG AA × Fail

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 76, 23.211, 287.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

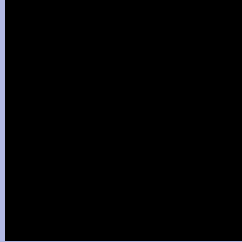
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 23.211, 287.380

Background



This preview shows how black text looks on a background with the CIELCh color 76, 23.211, 287.380.



This preview shows how white text looks on a background with the CIELCh color 76, 23.211, 287.380.

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

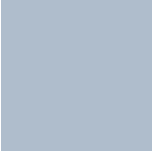
76, 23.211, 287.380

Protanopia

76, 23.234, 286.572

Deuteranopia

76, 24.302, 293.986



Tritanopia
76, 9.347, 259.243

Trichromacy



Original Color
76, 23.211, 287.380

Protanomaly
76, 23.234, 286.572

Deuteranomaly
76, 23.719, 291.549

Tritanomaly
76, 13.975, 274.259

Monochromacy



Original Color
76, 23.211, 287.380

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.634, 286.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 23.211, 287.380 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(179, 185, 228)` looks like.

```
.text, #text, p{  
    color:rgb(179, 185, 228)  
}
```

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(179, 185, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 185, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 23.211, 287.380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

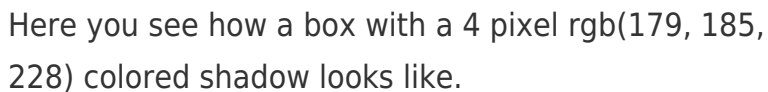
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 185, 228) }
```

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

```
.border{ border-color:rgb(179, 185, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 185, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 185, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 185, 228); box-shadow:4px 4px 4px 4px rgb(179, 185, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 23.211, 287.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 185, 228) }
```

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

```
.background{ background-color: rgb(179,  
185, 228) }
```

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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