

Converting Colors

CIELCh(76, 24.694, 286.546)

Have a look what the booklet for
CIELCh(76, 24.694, 286.546)
contains.

CIELCh(76, 24.860, 286.379)	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, 24.860, 286.379)

Conversions

Conversions Part 1

Format	Color
Hex	B1B9E7
RGB	177, 185, 231
RGB Percent	69%, 73%, 91%
CMY	0.3054, 0.2740, 0.0936
CMYK	0.23, 0.20, 0.00, 0.09
HSL	231°, 53%, 80%
HSV	231°, 23%, 91%
XYZ	49.9757, 49.8872, 82.6908
YIQ	187.8520, -19.5340, 12.6100

Conversions

Conversions Part 2

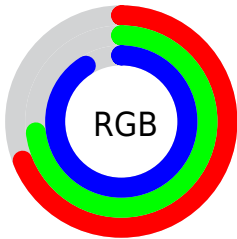
Format	Color
RYB	177, 184, 231
Decimal	11647463
CIELab	76.00, 7.01, -23.85
CIELCh	76, 24.860, 286.379
Yxy	49.8872, 0.2738, 0.2733
Android (android.graphics.Color)	4289837543 (0xFFB1B9E7)
YUV	187.8520, 21.2720, -9.5172
Hunter-Lab	70.6309, 2.6957, -19.9719

Details

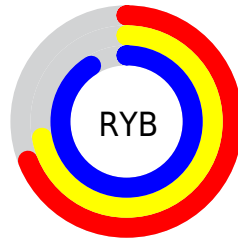
The CIELCh color **76, 24.860, 286.379** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88, 23.993, 100.751**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 7.647, 269.812**, and **56, 24.731, 286.018** is the 20% darker color. If you saturate the color by 10%, you get **69, 36.124, 288.054**, and if you desaturate by 10%, it is **83, 13.985, 284.950**.

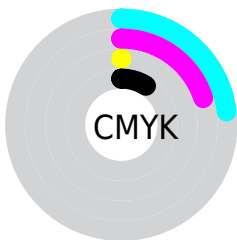
Distribution



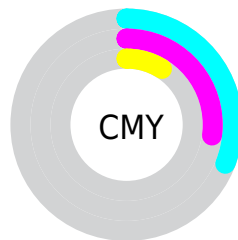
- Red (69%)
- Green (73%)
- Blue (91%)



- Red (69%)
- Yellow (72%)
- Blue (91%)



- Cyan (23%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)





- Cyan (31%)
- Magenta (27%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 24.860, 286.379 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, 24.860, 286.379 by changing the saturation by 10% instead.


 76, 24.860,
286.379


 76, 24.860,
286.379


 100, 24.860,
286.379


 66, 24.860,
286.379


 96, 24.860,
286.379

 56, 24.860,
286.379

 46, 24.860,
286.379

 36, 24.860,
286.379

 26, 24.860,
286.379

 16, 24.860,
286.379

 6, 24.860, 286.379

■ 0, 24.860, 286.379

■ 76, 24.860,
286.379

■ 76, 24.860,
286.379

■ 69, 36.124,
288.054

■ 83, 13.985,
284.950

■ 63, 47.817,
290.012

■ 89, 3.472, 283.759

■ 56, 59.961,
292.270

■ 96, 6.708, 102.650

■ 50, 72.530,
294.814

■ 99, 12.082,
109.264

■ 44, 85.351,
297.563

■ 38, 97.931,
300.340

■ 34, 109.256,
302.867

■ 32, 115.412,
304.221

Harmonies

Complementary

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



76, 24.860, 286.379



88, 23.993, 100.751

Rectangle

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



76, 24.860, 286.379



76, 24.860, 336.379



76, 24.860, 106.379



76, 24.860, 156.379

Sweetspot

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



76, 24.858, 286.378



95, 7.856, 284.164



88, 18.896, 185.145



50, 5.109, 284.236



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, 24.858, 286.378



80, 32.529, 287.147



75, 29.989, 305.064



45, 5.873, 284.453



24, 93.998, 303.876



4, 30.235, 293.683

Inverse Universe

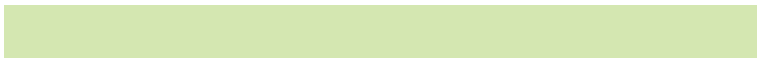
The Inverse Universe completely reimagines the original color for something new.



77, 21.104, 9.651



81, 27.740, 10.292



89, 28.733, 122.406



45, 4.900, 8.065



37, 73.492, 32.931



7, 26.730, 15.598

Previews

White Background



This preview shows how the CIELCh color 76, 24.860, 286.379 looks on a white background.

Color Contrast Check

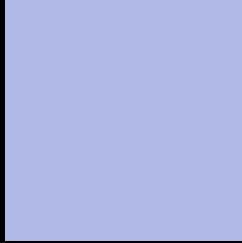
Large Text (above 18pt) WCAG AA × Fail

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 76, 24.860, 286.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

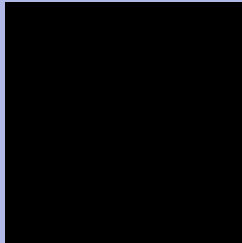
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 24.860, 286.379

Background



This preview shows how black text looks on a background with the CIELCh color 76, 24.860, 286.379.



This preview shows how white text looks on a background with the CIELCh color 76, 24.860, 286.379.

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, 24.860, 286.379

Protanopia

76, 24.889, 285.637

Deuteranopia

76, 25.895, 292.553



Tritanopia
76, 10.091, 252.491

Trichromacy



Original Color
76, 24.860, 286.379

Protanomaly
76, 24.889, 285.637

Deuteranomaly
76, 25.336, 290.258

Tritanomaly
76, 15.178, 273.187

Monochromacy



Original Color
76, 24.860, 286.379

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 9.198, 284.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 24.860, 286.379 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, 185, 231)` looks like.

```
.text, #text, p{  
    color:rgb(177, 185, 231)  
}
```

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, 185, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 185, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 24.860, 286.379 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, 185, 231) }
```

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

```
.border{ border-color:rgb(177, 185, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 185, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 185, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 185, 231);  
box-shadow:4px 4px 4px 4px rgb(177, 185,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 24.860, 286.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 185, 231) }
```

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

```
.background{ background-color: rgb(177,  
185, 231) }
```

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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