

Converting Colors

CIELCh(76, 14.369, 282.164)

Have a look what the booklet for
CIELCh(76, 14.369, 282.164)
contains.

CIELCh(76, 14.155, 281.637)	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, 14.155, 281.637)

Conversions

Conversions Part 1

Format	Color
Hex	B4BBD5
RGB	180, 187, 213
RGB Percent	71%, 73%, 84%
CMY	0.2952, 0.2677, 0.1658
CMYK	0.16, 0.12, 0.00, 0.17
HSL	227°, 28%, 77%
HSV	227°, 16%, 83%
XYZ	48.4479, 49.8872, 69.8429
YIQ	187.8710, -12.5180, 6.6020

Conversions

Conversions Part 2

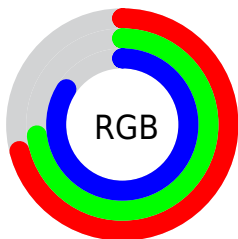
Format	Color
RYB	180, 186, 213
Decimal	11844565
CIELab	76.00, 2.86, -13.86
CIELCh	76, 14.155, 281.637
Yxy	49.8872, 0.2881, 0.2966
Android (android.graphics.Color)	4290034645 (0xFFB4BBD5)
YUV	187.8710, 12.3886, -6.9029
Hunter-Lab	70.6309, -1.1654, -9.1869

Details

The CIELCh color **76, 14.155, 281.637** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83, 13.934, 97.857**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 6.568, 269.247**, and **56, 13.905, 281.348** is the 20% darker color. If you saturate the color by 10%, you get **70, 23.612, 283.168**, and if you desaturate by 10%, it is **82, 4.964, 280.337**.

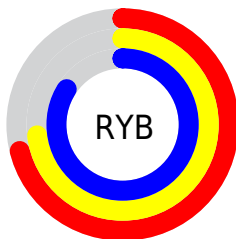
Distribution



Red (71%)

Green (73%)

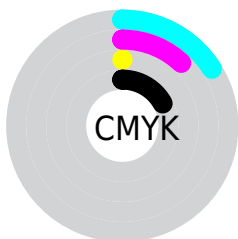
Blue (84%)



Red (71%)

Yellow (73%)

Blue (84%)

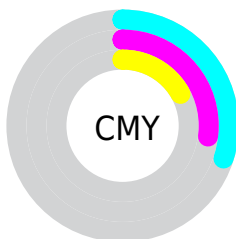


Cyan (16%)

Magenta (12%)

Yellow (0%)

Black (17%)



Cyan (30%)


Magenta (27%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 14.155, 281.637 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, 14.155, 281.637 by changing the saturation by 10% instead.


 76, 14.155,
281.637


 76, 14.155,
281.637


 100, 14.155,
281.637


 66, 14.155,
281.637


 96, 14.155,
281.637

 56, 14.155,
281.637

 46, 14.155,
281.637

 36, 14.155,
281.637

 26, 14.155,
281.637

 16, 14.155,
281.637

 6, 14.155, 281.637

■ 0, 14.155, 281.637

■ 76, 14.155,
281.637

■ 76, 14.155,
281.637

■ 70, 23.612,
283.168

■ 82, 4.964, 280.337

■ 88, 3.974, 99.127

■ 64, 33.365,
284.967

■ 94, 12.674, 98.179

■ 58, 43.441,
287.064

■ 99, 20.760,
107.335

■ 52, 53.871,
289.482

■ 99, 21.360,
108.560

■ 47, 64.658,
292.212

■ 42, 75.728,
295.185

■ 37, 86.803,
298.246

■ 33, 97.262,
301.150

■ 31, 101.537,
302.279

Harmonies

Complementary

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



76, 14.155, 281.637



83, 13.934, 97.857

Rectangle

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



76, 14.155, 281.637



76, 14.155, 331.637



76, 14.155, 101.637



76, 14.155, 151.637

Sweetspot

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



76, 14.153, 281.633



97, 5.216, 280.284



83, 12.309, 180.614



51, 3.561, 280.366



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, 14.153, 281.633



87, 20.189, 282.170



75, 18.207, 302.161



42, 5.166, 280.815



24, 85.089, 301.871



3, 23.578, 288.674

Inverse Universe

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



76, 13.034, 3.815



87, 18.663, 4.248



84, 17.662, 120.261



42, 4.723, 3.143



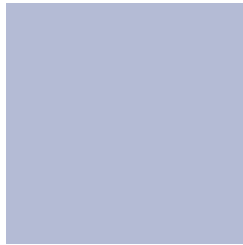
36, 68.099, 28.170



5, 22.074, 10.329

Previews

White Background



This preview shows how the CIELCh color 76, 14.155, 281.637 looks on a white background.

Color Contrast Check

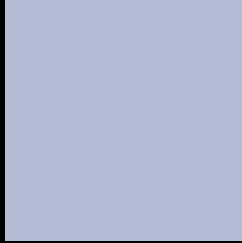
Large Text (above 18pt) WCAG AA × Fail

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, 14.155, 281.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

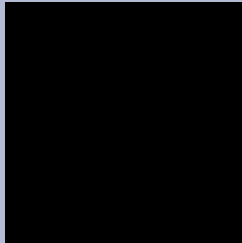
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 14.155, 281.637

Background



This preview shows how black text looks on a background with the CIELCh color 76, 14.155, 281.637.



This preview shows how white text looks on a background with the CIELCh color 76, 14.155, 281.637.

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, 14.155, 281.637

Protanopia

76, 14.028, 287.215

Deuteranopia

76, 17.760, 304.286



Tritanopia
76, 8.743, 267.129

Trichromacy



Original Color
76, 14.155, 281.637

Protanomaly
76, 14.051, 285.808

Deuteranomaly
76, 16.268, 296.584

Tritanomaly
76, 10.634, 273.895

Monochromacy



Original Color
76, 14.155, 281.637

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.948, 278.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 14.155, 281.637 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(180, 187, 213)` looks like.

```
.text, #text, p{  
    color:rgb(180, 187, 213)  
}
```

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(180, 187, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 187, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 14.155, 281.637 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(180, 187, 213) }
```

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

```
.border{ border-color:rgb(180, 187, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 187, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 187, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 187, 213);  
box-shadow:4px 4px 4px 4px rgb(180, 187,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 14.155, 281.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 187, 213) }
```

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

```
.background{ background-color: rgb(180,  
187, 213) }
```

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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