

Converting Colors

CIELCh(76, 22.295, 286.762)

Have a look what the booklet for
CIELCh(76, 22.295, 286.762)
contains.

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Color

CIELCh(76, 22.676, 287.203)

Conversions

Conversions Part 1

Format	Color
Hex	B3B9E3
RGB	179, 185, 227
RGB Percent	70%, 73%, 89%
CMY	0.2976, 0.2741, 0.1094
CMYK	0.21, 0.18, 0.00, 0.11
HSL	232°, 46%, 80%
HSV	232°, 21%, 89%
XYZ	49.8630, 49.8872, 79.7497
YIQ	187.9940, -17.0580, 11.7900

Conversions

Conversions Part 2

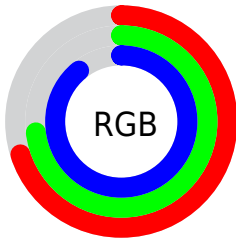
Format	Color
R_{YB}	179, 184, 227
Decimal	11778531
CIE _{Lab}	76.00, 6.71, -21.66
CIE _{LCh}	76, 22.676, 287.203
Yxy	49.8872, 0.2778, 0.2779
Android (android.graphics.Color)	4289968611 (0xFFB3B9E3)
YUV	187.9940, 19.2300, -7.8877
Hunter-Lab	70.6309, 2.4108, -17.5030

Details

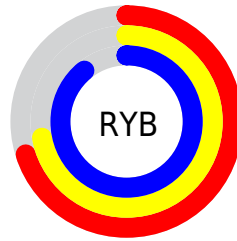
The CIELCh color **76, 22.676, 287.203** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88, 21.895, 102.266**, and the grayscale version is **76, 0.009, 296.813**.

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, 34.011, 288.792**, and if you desaturate by 10%, it is **83, 11.744, 285.849**.

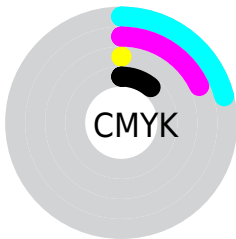
Distribution



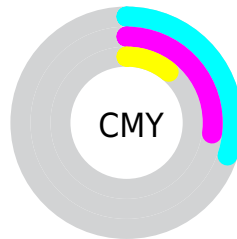
- Red (70%)
- Green (73%)
- Blue (89%)



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



- Cyan (21%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 22.676, 287.203 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, 22.676, 287.203 by changing the saturation by 10% instead.


 76, 22.676,
287.203


 76, 22.676,
287.203


 100, 22.676,
287.203


 66, 22.676,
287.203


 96, 22.676,
287.203

 56, 22.676,
287.203

 46, 22.676,
287.203

 36, 22.676,
287.203

 26, 22.676,
287.203

 16, 22.676,
287.203

 6, 22.676, 287.203

■ 0, 22.676, 287.203

■ 76, 22.676,
287.203

■ 76, 22.676,
287.203

■ 69, 34.011,
288.792

■ 83, 11.744,
285.849

■ 62, 45.790,
290.652

■ 90, 1.188, 284.789

■ 56, 58.033,
292.804

■ 96, 9.022, 103.674

■ 49, 70.717,
295.237

■ 99, 14.115,
109.111

■ 43, 83.671,
297.878

■ 38, 96.402,
300.561

■ 33,107.879,
303.012

■ 30,115.831,
304.704

Harmonies

Complementary

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



76, 22.676, 287.203



88, 21.895, 102.266

Rectangle

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



76, 22.676, 287.203



76, 22.676, 337.203



76, 22.676, 107.203



76, 22.676, 157.203

Sweetspot

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



76, 22.674, 287.201



96, 6.896, 285.245



87, 16.817, 186.728



50, 4.578, 285.320



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, 22.674, 287.201



81, 29.673, 287.811



76, 26.705, 305.491



44, 6.024, 285.644



23, 95.774, 304.416



3, 30.767, 294.211

Inverse Universe

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



77, 18.637, 11.162



83, 24.501, 11.665



88, 25.724, 123.172



45, 4.873, 9.884



37, 74.608, 34.351



6, 26.769, 16.569

Previews

White Background



This preview shows how the CIELCh color 76, 22.676, 287.203 looks on a white background.

Color Contrast Check

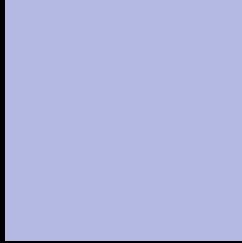
Large Text (above 18pt) WCAG AA × Fail

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, 22.676, 287.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

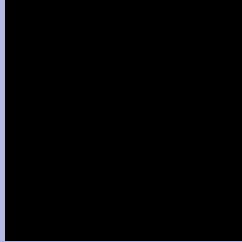
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 22.676, 287.203

Background



This preview shows how black text looks on a background with the CIELCh color 76, 22.676, 287.203.



This preview shows how white text looks on a background with the CIELCh color 76, 22.676, 287.203.

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

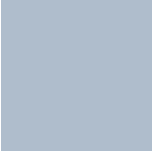
76, 22.676, 287.203

Protanopia

76, 22.700, 286.375

Deuteranopia

76, 24.302, 293.986



Tritanopia
76, 9.347, 259.243

Trichromacy



Original Color
76, 22.676, 287.203

Protanomaly
76, 22.700, 286.375

Deuteranomaly
76, 23.719, 291.549

Tritanomaly
76, 13.466, 273.496

Monochromacy



Original Color
76, 22.676, 287.203

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.098, 285.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 22.676, 287.203 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(179, 185, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 185, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 22.676, 287.203 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, 227) }
```

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

```
.border{ border-color:rgb(179, 185, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 185, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 185, 227);  
box-shadow:4px 4px 4px 4px rgb(179, 185,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 22.676, 287.203 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, 227) }
```

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

```
.background{ background-color: rgb(179,  
185, 227) }
```

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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