

Converting Colors

CIELCh(76, 20.920, 270.194)

Have a look what the booklet for
CIELCh(76, 20.920, 270.194)
contains.

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Color

CIELCh(76, 21.157, 270.207)

Conversions

Conversions Part 1

Format	Color
Hex	A5BDE2
RGB	165, 189, 226
RGB Percent	65%, 74%, 89%
CMY	0.3529, 0.2588, 0.1137
CMYK	0.27, 0.16, 0.00, 0.11
HSL	216°, 51%, 77%
HSV	216°, 27%, 89%
XYZ	47.4438, 49.8872, 79.0818
YIQ	186.0420, -26.1810, 6.4190

Conversions

Conversions Part 2

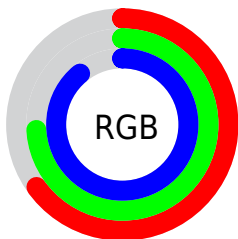
Format	Color
RYB	165, 182, 226
Decimal	10862050
CIELab	76.00, 0.08, -21.16
CIElCh	76, 21.157, 270.207
Yxy	49.8872, 0.2689, 0.2828
Android (android.graphics.Color)	4289052130 (0xFFA5BDE2)
YUV	186.0420, 19.6993, -18.4538
Hunter-Lab	70.6309, -3.7032, -16.9423

Details

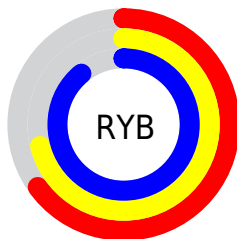
The CIELCh color **76, 21.157, 270.207** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **82, 21.754, 82.479**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 9.480, 231.922**, and **56, 21.260, 270.391** is the 20% darker color. If you saturate the color by 10%, you get **71, 29.093, 272.269**, and if you desaturate by 10%, it is **81, 13.272, 268.453**.

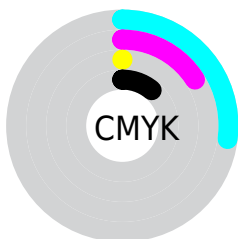
Distribution



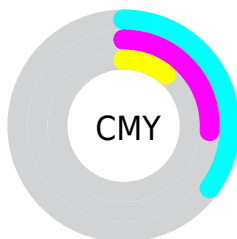
- Red (65%)
- Green (74%)
- Blue (89%)



- Red (65%)
- Yellow (71%)
- Blue (89%)



- Cyan (27%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)





- Cyan (35%)
- Magenta (26%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 21.157, 270.207 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, 21.157, 270.207 by changing the saturation by 10% instead.

 76, 21.157,
270.207


 76, 21.157,
270.207


 100, 21.157,
270.207


 66, 21.157,
270.207


 96, 21.157,
270.207

 56, 21.157,
270.207

 46, 21.157,
270.207

 36, 21.157,
270.207

 26, 21.157,
270.207

 16, 21.157,
270.207

 6, 21.157, 270.207

0, 21.157, 270.207

76, 21.157,
270.207

76, 21.157,
270.207

71, 29.093,
272.269

81, 13.272,
268.453

66, 37.090,
274.694

86, 5.443, 266.986

61, 45.169,
277.519

91, 2.321, 85.508

97, 9.950, 85.288

56, 53.374,
280.762

99, 14.671,
109.069

52, 61.759,
284.389

47, 70.364,
288.295

■ 43, 79.158,
292.280

■ 42, 81.833,
293.406

Harmonies

Complementary

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



76, 21.157, 270.207



82, 21.754, 82.479

Rectangle

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



76, 21.157, 270.207



76, 21.157, 320.207



76, 21.157, 90.207



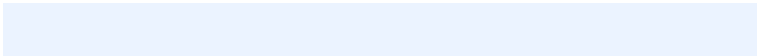
76, 21.157, 140.207

Sweetspot

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



76, 21.156, 270.205



95, 6.873, 267.127



85, 24.997, 166.814



50, 4.886, 267.335



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, 21.156, 270.205



82, 27.712, 271.241



70, 33.554, 296.794



44, 4.399, 267.317



33, 66.679, 292.723



6, 22.324, 283.334

Inverse Universe

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



74, 26.279, 352.571



79, 34.510, 353.242



88, 31.485, 111.898



44, 5.369, 350.629



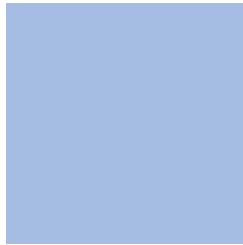
37, 64.256, 12.096



6, 25.657, 2.164

Previews

White Background



This preview shows how the CIELCh color 76, 21.157, 270.207 looks on a white background.

Color Contrast Check

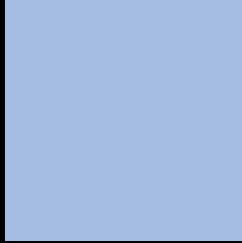
Large Text (above 18pt) WCAG AA × Fail

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, 21.157, 270.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

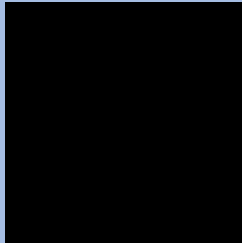
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

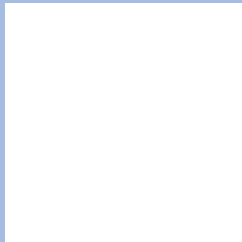
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 21.157, 270.207

Background



This preview shows how black text looks on a background with the CIELCh color 76, 21.157, 270.207.



This preview shows how white text looks on a background with the CIELCh color 76, 21.157, 270.207.

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

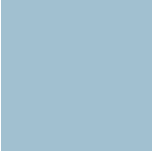
76, 21.157, 270.207

Protanopia

76, 21.072, 286.634

Deuteranopia

76, 23.764, 293.978



Tritanopia
76, 13.399, 239.019

Trichromacy



Original Color
76, 21.157, 270.207

Protanomaly
76, 21.283, 281.312

Deuteranomaly
76, 22.700, 286.375

Tritanomaly
76, 15.897, 253.682

Monochromacy



Original Color
76, 21.157, 270.207

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.130, 267.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 21.157, 270.207 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(165, 189, 226)` looks like.

```
.text, #text, p{  
    color:rgb(165, 189, 226)  
}
```

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(165, 189, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 189, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 21.157, 270.207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

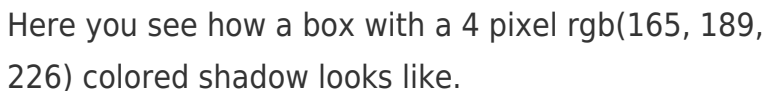
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 189, 226) }
```

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

```
.border{ border-color:rgb(165, 189, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 189, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 189, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 189, 226); box-shadow:4px 4px 4px 4px rgb(165, 189, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 21.157, 270.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 189, 226) }
```

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

```
.background{ background-color: rgb(165,  
189, 226) }
```

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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