

Converting Colors

CIELCh(76, 16.664, 257.293)

Have a look what the booklet for
CIELCh(76, 16.664, 257.293)
contains.

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Color

CIELCh(76, 16.559, 257.077)

Conversions

Conversions Part 1

Format	Color
Hex	A3BFD9
RGB	163, 191, 217
RGB Percent	64%, 75%, 85%
CMY	0.3619, 0.2521, 0.1502
CMYK	0.25, 0.12, 0.00, 0.15
HSL	209°, 41%, 74%
HSV	209°, 25%, 85%
XYZ	46.1003, 49.8872, 72.6437
YIQ	185.5920, -25.0340, 2.1500

Conversions

Conversions Part 2

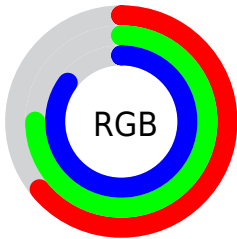
Format	Color
RYB	163, 181, 217
Decimal	10731481
CIELab	76.00, -3.70, -16.14
CIELCh	76, 16.559, 257.077
Yxy	49.8872, 0.2734, 0.2958
Android (android.graphics.Color)	4288921561 (0xFFA3BFD9)
YUV	185.5920, 15.4841, -19.8132
Hunter-Lab	70.6309, -7.0984, -11.5380

Details

The CIELCh color **76, 16.559, 257.077** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78, 17.855, 70.351**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.185, 222.760**, and **56, 16.431, 256.005** is the 20% darker color. If you saturate the color by 10%, you get **72, 22.993, 259.059**, and if you desaturate by 10%, it is **80, 9.988, 255.421**.

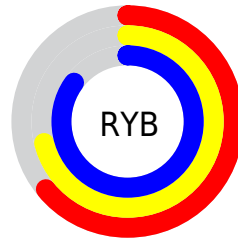
Distribution



Red (64%)

Green (75%)

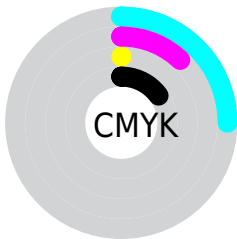
Blue (85%)



Red (64%)

Yellow (71%)

Blue (85%)

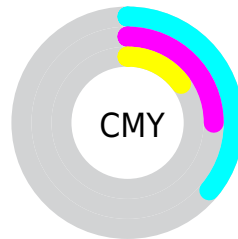


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (15%)



Cyan (36%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 16.559, 257.077 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, 16.559, 257.077 by changing the saturation by 10% instead.

■ 76, 16.559,
257.077

■ 76, 16.559,
257.077

■ 100, 16.559,
257.077

■ 66, 16.559,
257.077

■ 96, 16.559,
257.077

■ 56, 16.559,
257.077

■ 46, 16.559,
257.077

■ 36, 16.559,
257.077

■ 26, 16.559,
257.077

■ 16, 16.559,
257.077

■ 6, 16.559, 257.077

0, 16.559, 257.077

76, 16.559,
257.077

76, 16.559,
257.077

72, 22.993,
259.059

80, 9.988, 255.421

68, 29.270,
261.436

84, 3.315, 254.103

64, 35.379,
264.267

89, 3.432, 72.679

60, 41.337,
267.601

93, 10.224, 71.753

56, 47.197,
271.450

96, 14.077, 90.539

53, 53.054,
275.762

99, 18.536,
106.839

99, 19.358,
108.713

■ 49, 59.023,
280.391

■ 48, 62.156,
282.707

Harmonies

Complementary

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



76, 16.559, 257.077



78, 17.855, 70.351

Rectangle

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



76, 16.559, 257.077



76, 16.559, 307.077



76, 16.559, 77.077



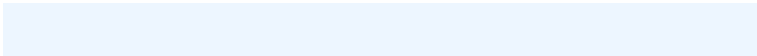
76, 16.559, 127.077

Sweetspot

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



76, 16.558, 257.073



97, 5.380, 254.347



82, 24.740, 159.704



51, 3.494, 254.422



0, 0.000, 0.000



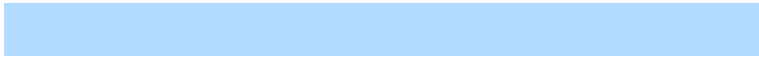
53, 0.007, 296.813

Same Dimension

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



76, 16.558, 257.073



85, 22.646, 258.093



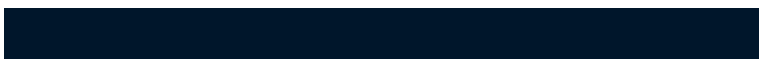
69, 28.685, 291.821



43, 3.780, 254.645



38, 51.242, 281.892



7, 16.735, 271.040

Inverse Universe

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



73, 25.161, 344.862



81, 34.649, 345.427



85, 27.151, 106.335



42, 5.599, 343.391



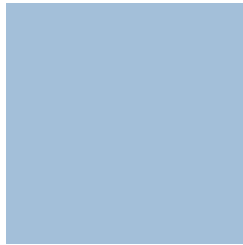
37, 63.035, 359.986



5, 23.725, 353.005

Previews

White Background



This preview shows how the CIELCh color 76, 16.559, 257.077 looks on a white background.

Color Contrast Check

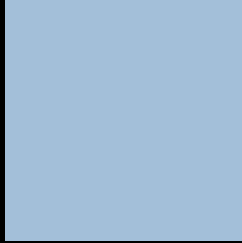
Large Text (above 18pt) WCAG AA × Fail

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, 16.559, 257.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

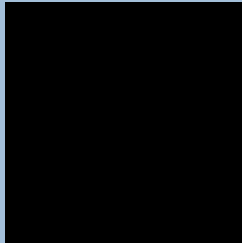
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

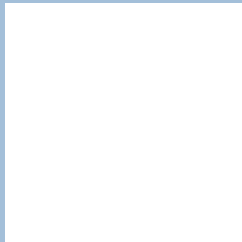
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 16.559, 257.077

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.559, 257.077.



This preview shows how white text looks on a background with the CIELCh color 76, 16.559, 257.077.

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](#).

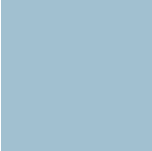
Dichromacy



Original Color
76, 16.559, 257.077

Protanopia
76, 14.586, 286.078

Deuteranopia
76, 19.685, 300.038



Tritanopia
76, 13.399, 239.019

Trichromacy



Original Color
76, 16.559, 257.077

Protanomaly
76, 14.577, 273.694

Deuteranomaly
76, 17.838, 286.341

Tritanomaly
76, 14.167, 245.328

Monochromacy



Original Color
76, 16.559, 257.077

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 6.406, 256.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.559, 257.077 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(163, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(163, 191, 217)  
}
```

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(163, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 191, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.559, 257.077 is called "border". The border property can be set on classes, ids or directly on the HTML element.

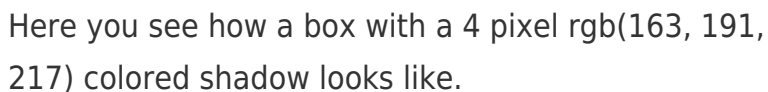
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 191, 217) }
```

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

```
.border{ border-color:rgb(163, 191, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 191, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 191, 217); box-shadow:4px 4px 4px 4px rgb(163, 191, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.559, 257.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 191, 217) }
```

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

```
.background{ background-color: rgb(163,  
191, 217) }
```

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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