

Converting Colors

CIELCh(77, 18.666, 265.856)

Have a look what the booklet for
CIELCh(77, 18.666, 265.856)
contains.

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Color

CIELCh(77, 18.689, 266.578)

Conversions

Conversions Part 1

Format	Color
Hex	A8C0E0
RGB	168, 192, 224
RGB Percent	66%, 75%, 88%
CMY	0.3404, 0.2462, 0.1207
CMYK	0.25, 0.14, 0.00, 0.12
HSL	214°, 48%, 77%
HSV	214°, 25%, 88%
XYZ	48.5716, 51.5317, 78.0608
YIQ	188.4720, -24.5760, 4.8640

Conversions

Conversions Part 2

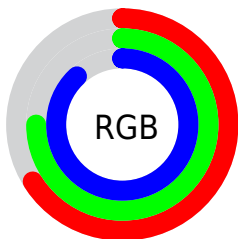
Format	Color
R _Y B	168, 185, 224
Decimal	11059424
CIE Lab	77.00, -1.12, -18.66
CIE LCh	77, 18.689, 266.578
Yxy	51.5317, 0.2726, 0.2892
Android (android.graphics.Color)	4289249504 (0xFFA8C0E0)
YUV	188.4720, 17.5153, -17.9539
Hunter-Lab	71.7856, -4.8481, -14.2229

Details

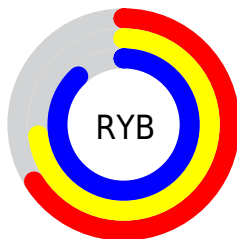
The CIELCh color **77, 18.689, 266.578** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **82, 19.424, 79.484**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 8.804, 223.112**, and **57, 18.654, 266.270** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.176, 268.592**, and if you desaturate by 10%, it is **82, 11.200, 264.871**.

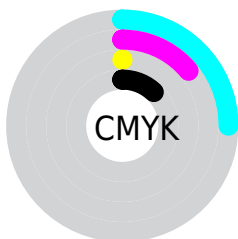
Distribution



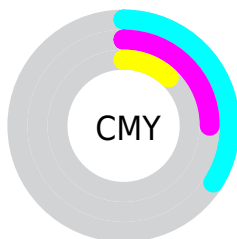
- Red (66%)
- Green (75%)
- Blue (88%)



- Red (66%)
- Yellow (73%)
- Blue (88%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (34%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 18.689, 266.578 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 77, 18.689, 266.578 by changing the saturation by 10% instead.

■ 77, 18.689,
266.578

■ 77, 18.689,
266.578

■ 100, 18.689,
266.578

■ 67, 18.689,
266.578

■ 97, 18.689,
266.578

■ 57, 18.689,
266.578

■ 47, 18.689,
266.578

■ 37, 18.689,
266.578

■ 27, 18.689,
266.578

■ 17, 18.689,
266.578

■ 7, 18.689, 266.578

0, 18.689, 266.578

77, 18.689,
266.578

77, 18.689,
266.578

72, 26.176,
268.592

82, 11.200,
264.871

67, 33.660,
270.972

87, 3.723, 263.472

63, 41.154,
273.763

92, 3.728, 82.042

58, 48.692,
276.993

96, 10.672, 86.093

99, 15.573,
109.000

54, 56.331,
280.651

50, 64.142,
284.655

■ 46, 72.164,
288.837

■ 44, 76.274,
290.861

Harmonies

Complementary

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



77, 18.689, 266.578



82, 19.424, 79.484

Rectangle

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



77, 18.689, 266.578



77, 18.689, 316.578



77, 18.689, 86.578



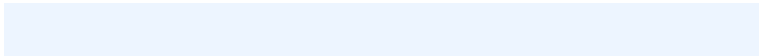
77, 18.689, 136.578

Sweetspot

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



77, 18.688, 266.575



96, 5.808, 263.729



85, 23.617, 165.062



51, 3.774, 263.809



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 18.688, 266.575



84, 24.917, 267.589



71, 30.691, 295.408



45, 4.247, 264.052



34, 62.562, 290.157



7, 21.248, 280.975

Inverse Universe

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



75, 24.580, 350.120



81, 32.898, 350.746



88, 28.935, 110.635



44, 5.486, 348.481



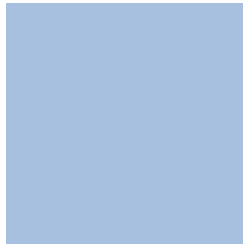
37, 63.961, 8.697



6, 25.851, 359.836

Previews

White Background



This preview shows how the CIELCh color 77, 18.689, 266.578 looks on a white background.

Color Contrast Check

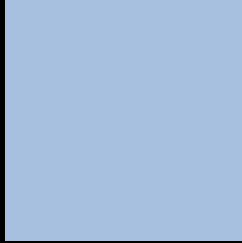
Large Text (above 18pt) WCAG AA × Fail

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 77, 18.689, 266.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

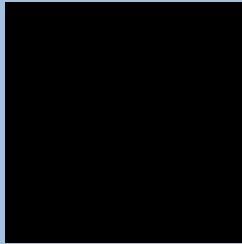
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

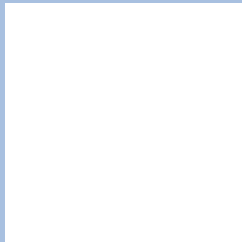
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 18.689, 266.578

Background



This preview shows how black text looks on a background with the CIELCh color 77, 18.689, 266.578.



This preview shows how white text looks on a background with the CIELCh color 77, 18.689, 266.578.

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
77, 18.689, 266.578

Protanopia
77, 18.320, 286.531

Deuteranopia
77, 22.206, 297.453



Tritanopia
77, 12.818, 237.925

Trichromacy



Original Color
77, 18.689, 266.578

Protanomaly
77, 18.071, 278.873

Deuteranomaly
77, 19.921, 287.138

Tritanomaly
77, 14.471, 250.418

Monochromacy



Original Color
77, 18.689, 266.578

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.139, 264.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 18.689, 266.578 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(168, 192, 224)` looks like.

```
.text, #text, p{  
    color:rgb(168, 192, 224)  
}
```

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(168, 192, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 192, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 18.689, 266.578 is called "border". The border property can be set on classes, ids or directly on the HTML element.

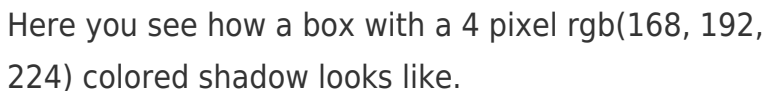
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 192, 224) }
```

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

```
.border{ border-color:rgb(168, 192, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 192, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 192, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 192, 224); box-shadow:4px 4px 4px 4px rgb(168, 192, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 18.689, 266.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 192, 224) }
```

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

```
.background{ background-color: rgb(168,  
192, 224) }
```

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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