

Converting Colors

CIELCh(76, 15.682, 261.225)

Have a look what the booklet for
CIELCh(76, 15.682, 261.225)
contains.

CIELCh(76, 15.928, 261.017)	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, 15.928, 261.017)

Conversions

Conversions Part 1

Format	Color
Hex	A6BED8
RGB	166, 190, 216
RGB Percent	65%, 75%, 85%
CMY	0.3490, 0.2549, 0.1530
CMYK	0.23, 0.12, 0.00, 0.15
HSL	211°, 39%, 75%
HSV	211°, 23%, 85%
XYZ	46.5298, 49.8872, 72.1375
YIQ	185.7880, -22.6500, 2.9980

Conversions

Conversions Part 2

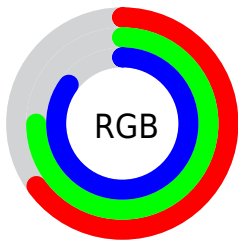
Format	Color
RYB	166, 182, 216
Decimal	10927832
CIELab	76.00, -2.49, -15.73
CIELCh	76, 15.928, 261.017
Yxy	49.8872, 0.2761, 0.2960
Android (android.graphics.Color)	4289117912 (0xFFA6BED8)
YUV	185.7880, 14.8945, -17.3541
Hunter-Lab	70.6309, -6.0130, -11.1130

Details

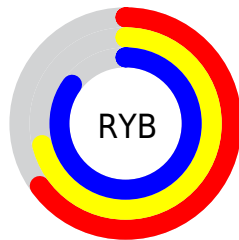
The CIELCh color **76, 15.928, 261.017** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79, 16.817, 74.621**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 9.231, 229.124**, and **56, 15.781, 259.979** is the 20% darker color. If you saturate the color by 10%, you get **72, 22.700, 262.963**, and if you desaturate by 10%, it is **80, 9.082, 259.380**.

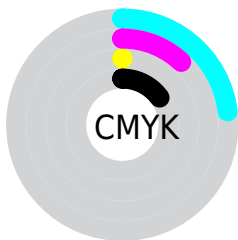
Distribution



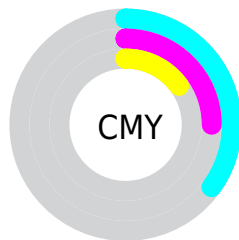
- Red (65%)
- Green (75%)
- Blue (85%)



- Red (65%)
- Yellow (71%)
- Blue (85%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (35%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 15.928, 261.017 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, 15.928, 261.017 by changing the saturation by 10% instead.

■ 76, 15.928,
261.017

■ 76, 15.928,
261.017

■ 100, 15.928,
261.017

■ 66, 15.928,
261.017

■ 96, 15.928,
261.017

■ 56, 15.928,
261.017

■ 46, 15.928,
261.017

■ 36, 15.928,
261.017

■ 26, 15.928,
261.017

■ 16, 15.928,
261.017

■ 6, 15.928, 261.017

0, 15.928, 261.017

76, 15.928,
261.017

76, 15.928,
261.017

72, 22.700,
262.963

80, 9.082, 259.380

67, 29.383,
265.283

85, 2.186, 258.113

63, 35.974,
268.028

89, 4.737, 76.675

59, 42.493,
271.241

94, 11.666, 75.704

55, 48.992,
274.933

97, 15.684, 96.923

99, 19.717,
108.685

51, 55.550,
279.054

■ 48, 62.261,
283.465

■ 45, 66.997,
286.458

Harmonies

Complementary

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



76, 15.928, 261.017



79, 16.817, 74.621

Rectangle

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



76, 15.928, 261.017



76, 15.928, 311.017



76, 15.928, 81.017



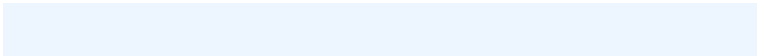
76, 15.928, 131.017

Sweetspot

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



76, 15.927, 261.013



96, 5.545, 258.538



82, 22.082, 162.474



51, 3.602, 258.616



0, 0.000, 0.000



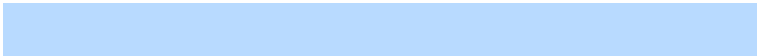
53, 0.007, 296.813

Same Dimension

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



76, 15.927, 261.013



86, 21.992, 261.968



70, 27.453, 293.441



43, 3.899, 258.848



36, 55.338, 285.695



6, 17.693, 274.755

Inverse Universe

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



73, 22.739, 346.847



82, 31.575, 347.403



85, 26.002, 108.655



42, 5.457, 345.495



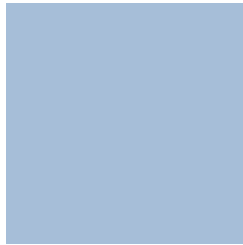
36, 62.637, 3.622



5, 23.336, 355.600

Previews

White Background



This preview shows how the CIELCh color 76, 15.928, 261.017 looks on a white background.

Color Contrast Check

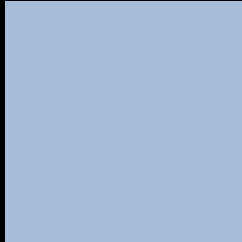
Large Text (above 18pt) WCAG AA × Fail

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, 15.928, 261.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

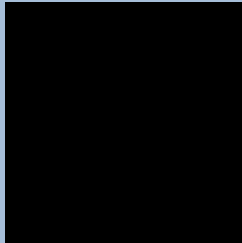
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

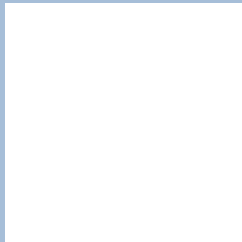
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 15.928, 261.017

Background



This preview shows how black text looks on a background with the CIELCh color 76, 15.928, 261.017.



This preview shows how white text looks on a background with the CIELCh color 76, 15.928, 261.017.

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





Tritanopia
76, 12.347, 239.890

Trichromacy



Original Color
76, 15.928, 261.017

Protanomaly
76, 14.861, 278.172

Deuteranomaly
76, 17.263, 288.360

Tritanomaly
76, 13.319, 249.408

Monochromacy



Original Color
76, 15.928, 261.017

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.055, 262.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 15.928, 261.017 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(166, 190, 216)` looks like.

```
.text, #text, p{  
    color:rgb(166, 190, 216)  
}
```

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(166, 190, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 190, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 15.928, 261.017 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(166, 190, 216) }
```

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

```
.border{ border-color:rgb(166, 190, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 190, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 190, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 190, 216);  
box-shadow:4px 4px 4px 4px rgb(166, 190,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 15.928, 261.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 190, 216) }
```

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

```
.background{ background-color: rgb(166,  
190, 216) }
```

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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