

Converting Colors

CIELCh(76, 11.749, 235.598)

Have a look what the booklet for
CIELCh(76, 11.749, 235.598)
contains.

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Color

CIELCh(76, 11.741, 235.587)

Conversions

Conversions Part 1

Format	Color
Hex	A4C0CD
RGB	164, 192, 205
RGB Percent	64%, 75%, 80%
CMY	0.3576, 0.2478, 0.1968
CMYK	0.20, 0.06, 0.00, 0.20
HSL	199°, 29%, 72%
HSV	199°, 20%, 80%
XYZ	45.0757, 49.8872, 64.8896
YIQ	185.1100, -20.8610, -1.8930

Conversions

Conversions Part 2

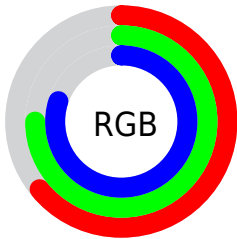
Format	Color
RYB	164, 181, 205
Decimal	10797261
CIELab	76.00, -6.64, -9.69
CIElCh	76, 11.741, 235.587
Yxy	49.8872, 0.2820, 0.3121
Android (android.graphics.Color)	4288987341 (0xFFA4C0CD)
YUV	185.1100, 9.8058, -18.5135
Hunter-Lab	70.6309, -9.6878, -5.0290

Details

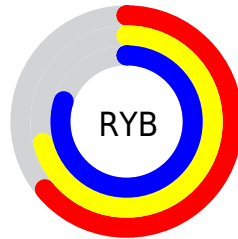
The CIELCh color **76, 11.741, 235.587** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 13.113, 52.239**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 10.317, 219.314**, and **56, 11.652, 234.958** is the 20% darker color. If you saturate the color by 10%, you get **73, 17.159, 236.877**, and if you desaturate by 10%, it is **79, 6.004, 234.578**.

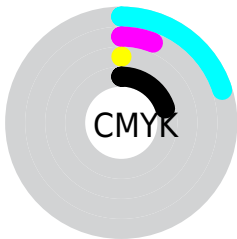
Distribution



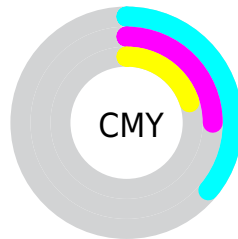
- Red (64%)
- Green (75%)
- Blue (80%)



- Red (64%)
- Yellow (71%)
- Blue (80%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 11.741, 235.587 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, 11.741, 235.587 by changing the saturation by 10% instead.

■ 76, 11.741,
235.587

■ 76, 11.741,
235.587

■ 100, 11.741,
235.587

■ 66, 11.741,
235.587

■ 96, 11.741,
235.587

■ 56, 11.741,
235.587

■ 46, 11.741,
235.587

■ 36, 11.741,
235.587

■ 26, 11.741,
235.587

■ 16, 11.741,
235.587

■ 6, 11.741, 235.587

0, 11.741, 235.587

76, 11.741,
235.587

76, 11.741,
235.587

73, 17.159,
236.877

79, 6.004, 234.578

70, 22.192,
238.520

82, 0.016, 266.075

86, 6.171, 52.924

67, 26.776,
240.585

89, 12.502, 52.439

64, 30.864,
243.159

91, 15.405, 60.458

93, 16.216, 74.754

62, 34.439,
246.329

94, 17.920, 86.937

60, 37.541,
250.161

96, 20.281, 96.576

■ 57, 40.271,
254.663

■ 98, 23.086,
103.971

■ 55, 42.848,
259.613

Harmonies

Complementary

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



76, 11.741, 235.587



74, 13.113, 52.239

Rectangle

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



76, 11.741, 235.587



76, 11.741, 285.587



76, 11.741, 55.587



76, 11.741, 105.587

Sweetspot

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



76, 11.741, 235.579



98, 4.331, 234.283



79, 21.319, 153.455



52, 2.869, 234.326



0, 0.000, 0.000



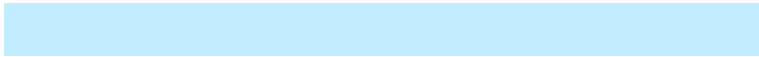
53, 0.007, 296.813

Same Dimension

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



76, 11.741, 235.579



91, 16.643, 236.098



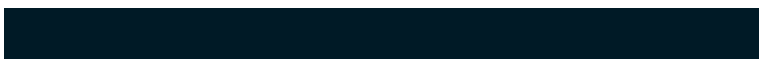
71, 18.430, 283.957



41, 3.394, 234.526



45, 36.317, 258.765



8, 12.238, 247.162

Inverse Universe

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



72, 21.509, 336.397



85, 30.852, 336.732



79, 17.982, 99.114



40, 6.035, 335.597



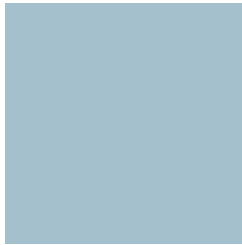
37, 66.262, 345.965



4, 22.433, 341.792

Previews

White Background



This preview shows how the CIELCh color 76, 11.741, 235.587 looks on a white background.

Color Contrast Check

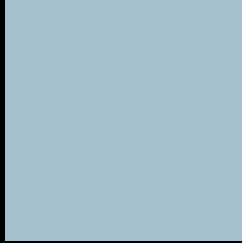
Large Text (above 18pt) WCAG AA × Fail

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, 11.741, 235.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

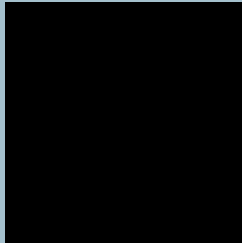
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

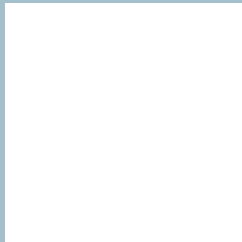
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.741, 235.587

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.741, 235.587.



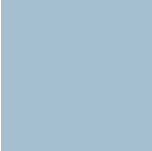
This preview shows how white text looks on a background with the CIELCh color 76, 11.741, 235.587.

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, 12.446, 242.934

Trichromacy



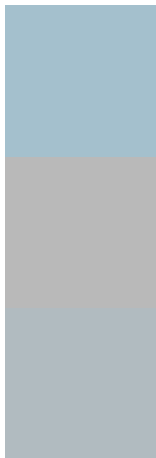
Original Color
76, 11.741, 235.587

Protanomaly
76, 8.258, 265.523

Deuteranomaly
76, 10.790, 287.433

Tritanomaly
76, 12.111, 240.930

Monochromacy



Original Color
76, 11.741, 235.587

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.468, 236.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.741, 235.587 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(164, 192, 205)` looks like.

```
.text, #text, p{  
    color:rgb(164, 192, 205)  
}
```

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(164, 192, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 192, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.741, 235.587 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(164, 192, 205) }
```

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

```
.border{ border-color:rgb(164, 192, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 192, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 192, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 192, 205);  
box-shadow:4px 4px 4px 4px rgb(164, 192,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.741, 235.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 192, 205) }
```

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

```
.background{ background-color: rgb(164,  
192, 205) }
```

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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