

Converting Colors

CIELCh(76, 10.784, 223.067)

Have a look what the booklet for
CIELCh(76, 10.784, 223.067)
contains.

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Color

CIELCh(76, 10.749, 225.694)

Conversions

Conversions Part 1

Format	Color
Hex	A4C0C9
RGB	164, 192, 201
RGB Percent	64%, 75%, 79%
CMY	0.3563, 0.2465, 0.2112
CMYK	0.18, 0.04, 0.00, 0.21
HSL	195°, 26%, 72%
HSV	195°, 18%, 79%
XYZ	44.7737, 49.8872, 62.6106
YIQ	184.6540, -19.5770, -3.1370

Conversions

Conversions Part 2

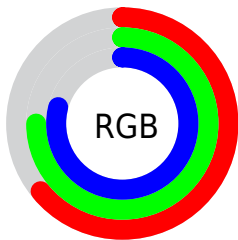
Format	Color
RYB	164, 180, 201
Decimal	10797257
CIELab	76.00, -7.51, -7.69
CIELCh	76, 10.749, 225.694
Yxy	49.8872, 0.2847, 0.3172
Android (android.graphics.Color)	4288987337 (0xFFA4C0C9)
YUV	184.6540, 8.0586, -18.1136
Hunter-Lab	70.6309, -10.4509, -3.1158

Details

The CIELCh color $76, 10.749, 225.694$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $73, 12.056, 43.893$, 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 $56, 10.668, 224.132$ is the 20% darker color. If you saturate the color by 10%, you get $73, 16.093, 226.524$, and if you desaturate by 10%, it is $79, 5.033, 225.101$.

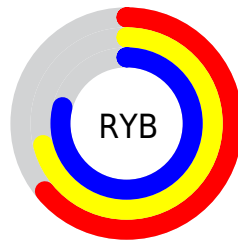
Distribution



Red (64%)

Green (75%)

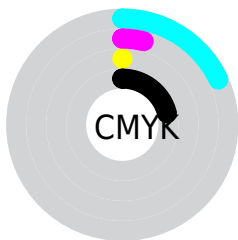
Blue (79%)



Red (64%)

Yellow (71%)

Blue (79%)

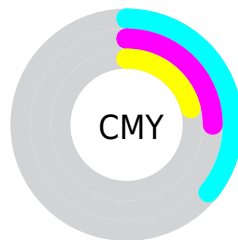


Cyan (18%)

Magenta (4%)

Yellow (0%)

Black (21%)



Cyan (36%)


Magenta (25%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 10.749, 225.694 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, 10.749, 225.694 by changing the saturation by 10% instead.


 76, 10.749,
225.694


 76, 10.749,
225.694


 100, 10.749,
225.694


 66, 10.749,
225.694


 96, 10.749,
225.694

 56, 10.749,
225.694

 46, 10.749,
225.694

 36, 10.749,
225.694

 26, 10.749,
225.694

 16, 10.749,
225.694

 6, 10.749, 225.694

0, 10.749, 225.694

76, 10.749,
225.694

76, 10.749,
225.694

73, 16.093,
226.524

79, 5.033, 225.101

71, 20.981,
227.644

81, 0.977, 43.978

84, 7.214, 44.108

69, 25.331,
229.110

87, 13.621, 43.904

66, 29.070,
231.002

89, 16.725, 48.721

91, 16.592, 59.162

64, 32.152,
233.410

92, 17.016, 69.396

62, 34.575,
236.424

93, 17.954, 78.811

■ 61, 36.405,
240.110

■ 94, 19.327, 87.051

■ 59, 37.814,
244.422

■ 59, 38.040,
245.120

Harmonies

Complementary

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



76, 10.749, 225.694



73, 12.056, 43.893

Rectangle

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



76, 10.749, 225.694



76, 10.749, 275.694



76, 10.749, 45.694



76, 10.749, 95.694

Sweetspot

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



76, 10.749, 225.685



98, 4.384, 225.018



78, 20.544, 150.432



52, 2.903, 225.038



0, 0.000, 0.000



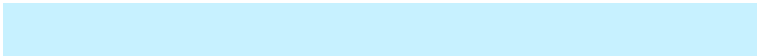
53, 0.007, 296.813

Same Dimension

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



76, 10.749, 225.685



93, 15.409, 225.983



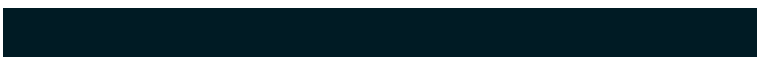
71, 15.117, 278.575



41, 3.360, 225.145



48, 32.451, 244.355



8, 11.131, 234.256

Inverse Universe

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



71, 20.503, 333.277



86, 29.759, 333.550



78, 14.976, 93.866



39, 6.231, 332.657



36, 68.792, 340.755



4, 21.605, 337.272

Previews

White Background



This preview shows how the CIELCh color 76, 10.749, 225.694 looks on a white background.

Color Contrast Check

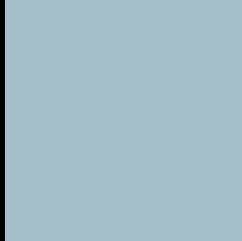
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 10.749, 225.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

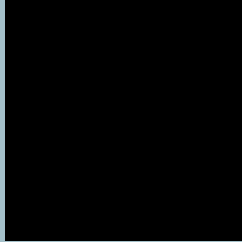
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

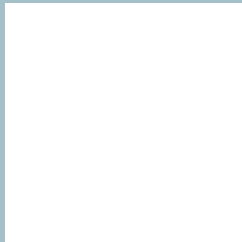
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 10.749, 225.694

Background



This preview shows how black text looks on a background with the CIELCh color 76, 10.749, 225.694.



This preview shows how white text looks on a background with the CIELCh color 76, 10.749, 225.694.

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, 10.749, 225.694

Protanopia

76, 5.948, 294.227

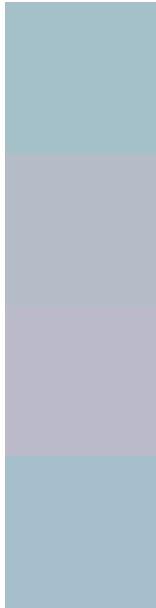
Deuteranopia

76, 12.777, 318.087



Tritanopia
76, 12.212, 244.012

Trichromacy



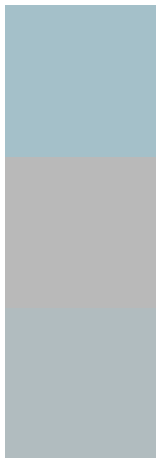
Original Color
76, 10.749, 225.694

Protanomaly
76, 6.680, 262.021

Deuteranomaly
76, 8.625, 290.987

Tritanomaly
76, 11.541, 239.878

Monochromacy



Original Color
76, 10.749, 225.694

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.272, 221.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 10.749, 225.694 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(164, 192, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 192, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 10.749, 225.694 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, 201) }
```

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

```
.border{ border-color:rgb(164, 192, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(164, 192,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 10.749, 225.694 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, 201) }
```

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

```
.background{ background-color: rgb(164,  
192, 201) }
```

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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