

Converting Colors

CIELCh(76, 9.407, 221.445)

Have a look what the booklet for
CIELCh(76, 9.407, 221.445) contains.

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Color

CIELCh(76, 9.287, 219.253)

Conversions

Conversions Part 1

Format	Color
Hex	A7C0C6
RGB	167, 192, 198
RGB Percent	65%, 75%, 78%
CMY	0.3458, 0.2477, 0.2242
CMYK	0.16, 0.03, 0.00, 0.22
HSL	192°, 21%, 72%
HSV	192°, 16%, 78%
XYZ	44.8831, 49.8872, 60.5821
YIQ	185.2090, -16.8260, -3.4340

Conversions

Conversions Part 2

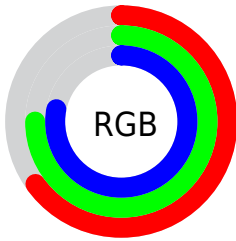
Format	Color
R_{YB}	167, 181, 198
Decimal	10993862
CIE _{Lab}	76.00, -7.19, -5.88
CIE _{LCh}	76, 9.287, 219.253
Yxy	49.8872, 0.2889, 0.3211
Android (android.graphics.Color)	4289183942 (0xFFA7C0C6)
YUV	185.2090, 6.3060, -15.9693
Hunter-Lab	70.6309, -10.1744, -1.4130

Details

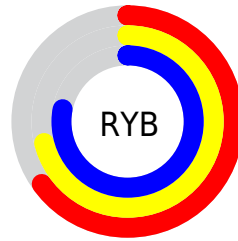
The CIELCh color **76, 9.287, 219.253** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 10.275, 38.471**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 9.407, 221.445**, and **56, 9.213, 216.805** is the 20% darker color. If you saturate the color by 10%, you get **74, 14.746, 219.721**, and if you desaturate by 10%, it is **78, 3.448, 219.006**.

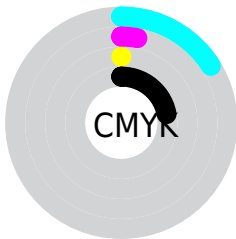
Distribution



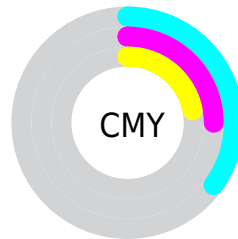
- Red (65%)
- Green (75%)
- Blue (78%)



- Red (65%)
- Yellow (71%)
- Blue (78%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.287, 219.253 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, 9.287, 219.253 by changing the saturation by 10% instead.

■ 76, 9.287, 219.253

■ 76, 9.287, 219.253

■ 100, 9.287,
219.253

■ 66, 9.287, 219.253

■ 96, 9.287, 219.253

■ 56, 9.287, 219.253

■ 46, 9.287, 219.253

■ 36, 9.287, 219.253

■ 26, 9.287, 219.253

■ 16, 9.287, 219.253

■ 6, 9.287, 219.253

■ 0, 9.287, 219.253

■ 76, 9.287, 219.253

■ 76, 9.287, 219.253

74, 14.746,
219.721

78, 3.448, 219.006

72, 19.734,
220.423

81, 2.689, 38.442

84, 9.052, 38.477

69, 24.160,
221.395

86, 15.583, 38.472

68, 27.935,
222.700

88, 18.243, 42.336

89, 17.800, 49.766

66, 30.993,
224.413

90, 17.675, 57.428

64, 33.303,
226.615

91, 17.873, 65.044

92, 18.382, 72.348

63, 34.892,
229.384

61, 35.859,
232.770

61, 36.199,

Harmonies

Complementary

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



76, 9.287, 219.253



73, 10.275, 38.471

Rectangle

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



76, 9.287, 219.253



76, 9.287, 269.253



76, 9.287, 39.253



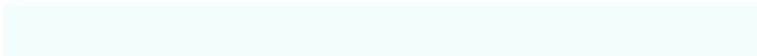
76, 9.287, 89.253

Sweetspot

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



76, 9.287, 219.242



98, 3.744, 219.008



77, 17.889, 148.918



52, 2.550, 219.006



0, 0.000, 0.000



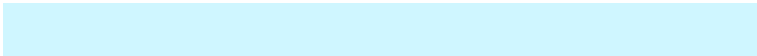
53, 0.007, 296.813

Same Dimension

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



76, 9.287, 219.242



94, 13.694, 219.392



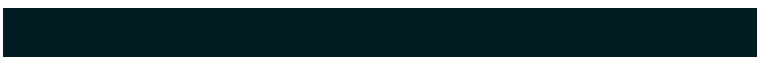
72, 11.957, 274.571



41, 3.434, 219.052



51, 31.349, 233.748



9, 11.186, 225.083

Inverse Universe

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



72, 17.819, 331.258



88, 26.591, 331.494



77, 11.955, 90.478



39, 6.455, 330.849



37, 71.309, 337.654



4, 22.578, 334.699

Previews

White Background



This preview shows how the CIELCh color 76, 9.287, 219.253 looks on a white background.

Color Contrast Check

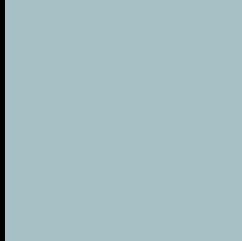
Large Text (above 18pt) WCAG AA × Fail

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, 9.287, 219.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

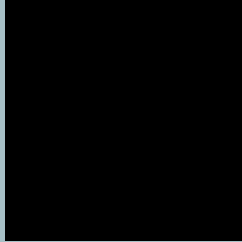
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

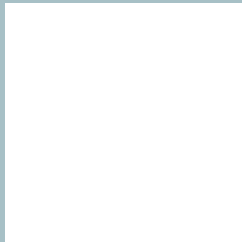
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 9.287, 219.253

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.287, 219.253.

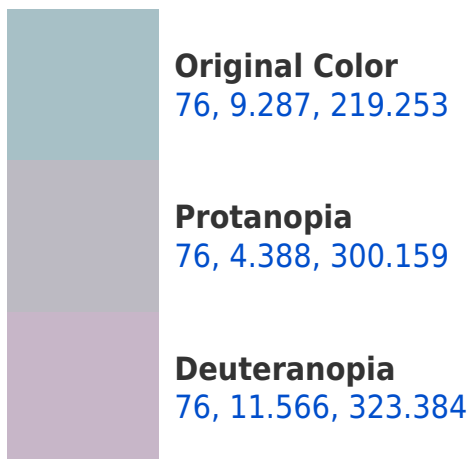


This preview shows how white text looks on a background with the CIELCh color 76, 9.287, 219.253.

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, 11.165, 245.512

Trichromacy



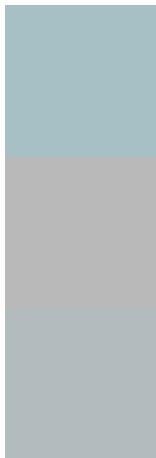
Original Color
76, 9.287, 219.253

Protanomaly
76, 4.704, 252.750

Deuteranomaly
76, 7.024, 293.778

Tritanomaly
76, 10.146, 238.663

Monochromacy



Original Color
76, 9.287, 219.253

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.624, 225.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.287, 219.253 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(167, 192, 198)` looks like.

```
.text, #text, p{  
    color:rgb(167, 192, 198)  
}
```

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(167, 192, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 192, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.287, 219.253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

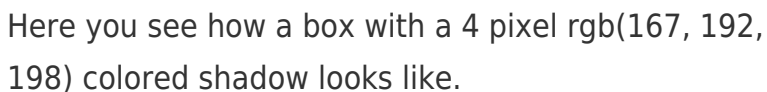
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 192, 198) }
```

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

```
.border{ border-color:rgb(167, 192, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 192, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 192, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 192, 198); box-shadow:4px 4px 4px 4px rgb(167, 192, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.287, 219.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 192, 198) }
```

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

```
.background{ background-color: rgb(167,  
192, 198) }
```

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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