

Converting Colors

CIELCh(76, 13.626, 215.008)

Have a look what the booklet for
CIELCh(76, 13.626, 215.008)
contains.

CIELCh(76, 13.465, 214.842)	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, 13.465, 214.842)

Conversions

Conversions Part 1

Format	Color
Hex	9CC2C9
RGB	156, 194, 201
RGB Percent	61%, 76%, 79%
CMY	0.3881, 0.2391, 0.2116
CMYK	0.22, 0.03, 0.00, 0.21
HSL	189°, 29%, 70%
HSV	189°, 22%, 79%
XYZ	43.5616, 49.8872, 62.6112
YIQ	183.4360, -24.8950, -5.8790

Conversions

Conversions Part 2

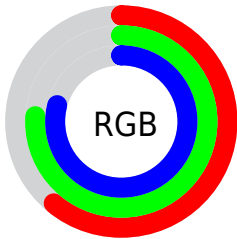
Format	Color
R _Y B	156, 177, 201
Decimal	10273481
CIE Lab	76.00, -11.05, -7.69
CIE LCh	76, 13.465, 214.842
Yxy	49.8872, 0.2791, 0.3197
Android (android.graphics.Color)	4288463561 (0xFF9CC2C9)
YUV	183.4360, 8.6591, -24.0614
Hunter-Lab	70.6309, -13.5143, -3.1164

Details

The CIELCh color **76, 13.465, 214.842** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 15.681, 34.629**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 13.446, 207.437**, and **56, 13.277, 215.963** is the 20% darker color. If you saturate the color by 10%, you get **74, 18.777, 215.218**, and if you desaturate by 10%, it is **78, 7.680, 214.634**.

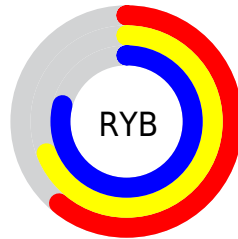
Distribution



Red (61%)

Green (76%)

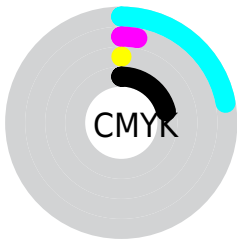
Blue (79%)



Red (61%)

Yellow (69%)

Blue (79%)

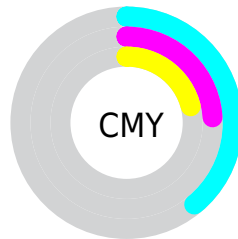


Cyan (22%)

Magenta (3%)

Yellow (0%)

Black (21%)



Cyan (39%)


Magenta (24%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 13.465, 214.842 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, 13.465, 214.842 by changing the saturation by 10% instead.


 76, 13.465,
214.842


 76, 13.465,
214.842


 100, 13.465,
214.842


 66, 13.465,
214.842


 96, 13.465,
214.842

 56, 13.465,
214.842

 46, 13.465,
214.842

 36, 13.465,
214.842

 26, 13.465,
214.842

 16, 13.465,
214.842

 6, 13.465, 214.842

0, 13.465, 214.842

76, 13.465,
214.842

76, 13.465,
214.842

74, 18.777,
215.218

78, 7.680, 214.634

72, 23.514,
215.811

80, 1.517, 214.822

83, 4.939, 34.339

70, 27.580,
216.662

85, 11.613, 34.473

69, 30.890,
217.827

88, 17.857, 35.051

88, 17.232, 41.069

67, 33.393,
219.372

89, 16.815, 47.459

66, 35.086,
221.364

90, 16.620, 54.080

■ 65, 36.029,
223.861

■ 91, 16.655, 60.756

■ 64, 36.409,
226.045

Harmonies

Complementary

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



76, 13.465, 214.842



70, 15.681, 34.629

Rectangle

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



76, 13.465, 214.842



76, 13.465, 264.842



76, 13.465, 34.842



76, 13.465, 84.842

Sweetspot

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



76, 13.465, 214.835



98, 5.339, 214.617



77, 26.570, 147.298



52, 3.464, 214.613



0, 0.000, 0.000



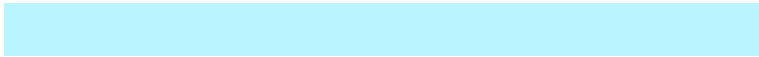
53, 0.007, 296.813

Same Dimension

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



76, 13.465, 214.835



93, 19.358, 215.003



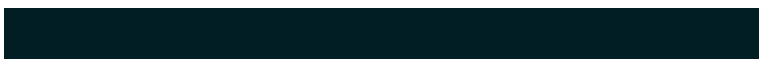
70, 16.741, 273.038



41, 3.515, 214.613



53, 31.195, 225.540



9, 11.366, 218.502

Inverse Universe

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



70, 26.538, 330.371



83, 38.818, 330.686



76, 16.902, 86.908



39, 6.631, 329.555



37, 73.372, 335.488



4, 23.353, 332.918

Previews

White Background



This preview shows how the CIELCh color 76, 13.465, 214.842 looks on a white background.

Color Contrast Check

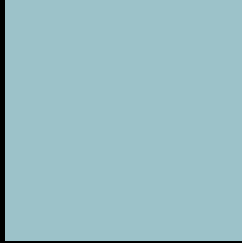
Large Text (above 18pt) WCAG AA × Fail

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, 13.465, 214.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

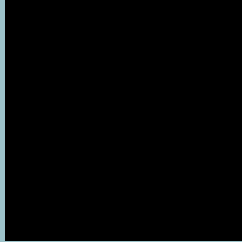
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

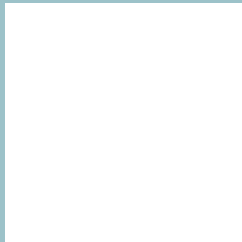
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 13.465, 214.842

Background



This preview shows how black text looks on a background with the CIELCh color 76, 13.465, 214.842.

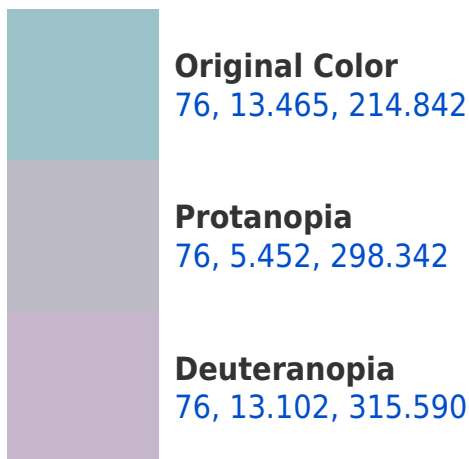


This preview shows how white text looks on a background with the CIELCh color 76, 13.465, 214.842.

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, 14.114, 233.772

Trichromacy



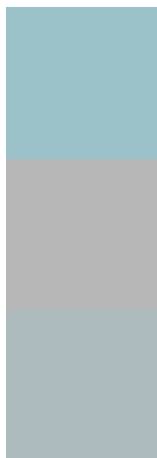
Original Color
76, 13.465, 214.842

Protanomaly
76, 6.628, 246.333

Deuteranomaly
76, 9.248, 282.217

Tritanomaly
76, 13.668, 226.983

Monochromacy



Original Color
76, 13.465, 214.842

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.277, 217.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 13.465, 214.842 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(156, 194, 201)` looks like.

```
.text, #text, p{  
    color:rgb(156, 194, 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(156, 194, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 194, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 13.465, 214.842 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(156, 194, 201) }
```

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

```
.border{ border-color:rgb(156, 194, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 194, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 194, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 194, 201);  
box-shadow:4px 4px 4px 4px rgb(156, 194,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 13.465, 214.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 194, 201) }
```

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

```
.background{ background-color: rgb(156,  
194, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor