

Converting Colors

CIELCh(76, 9.133, 190.206)

Have a look what the booklet for
CIELCh(76, 9.133, 190.206) contains.

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Color

CIELCh(76, 9.045, 191.891)

Conversions

Conversions Part 1

Format	Color
Hex	A7C0BE
RGB	167, 192, 190
RGB Percent	65%, 75%, 75%
CMY	0.3434, 0.2453, 0.2532
CMYK	0.13, 0.00, 0.01, 0.25
HSL	175°, 17%, 71%
HSV	175°, 13%, 75%
XYZ	44.3117, 49.8872, 56.2560
YIQ	184.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

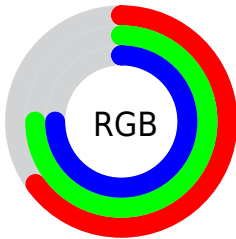
Format	Color
RYB	167, 180, 192
Decimal	10993854
CIELab	76.00, -8.85, -1.86
CIElCh	76, 9.045, 191.891
Yxy	49.8872, 0.2945, 0.3316
Android (android.graphics.Color)	4289183934 (0xFFA7C0BE)
YUV	184.2970, 2.8116, -15.1695
Hunter-Lab	70.6309, -11.6185, 2.2184

Details

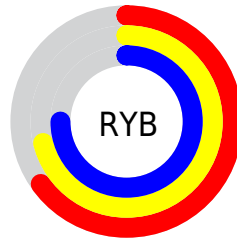
The CIELCh color `76, 9.045, 191.891` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `71, 9.702, 13.794`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 9.004, 192.335`, and `56, 9.142, 191.316` is the 20% darker color. If you saturate the color by 10%, you get `75, 15.606, 191.128`, and if you desaturate by 10%, it is `77, 2.126, 192.799`.

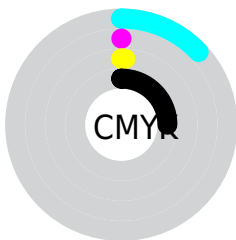
Distribution



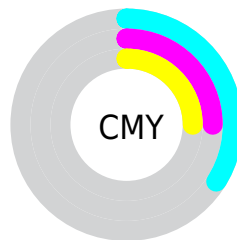
- Red (65%)
- Green (75%)
- Blue (75%)



- Red (65%)
- Yellow (71%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (34%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.045, 191.891 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, 9.045, 191.891 by changing the saturation by 10% instead.

■ 76, 9.045, 191.891

■ 76, 9.045, 191.891

■ 100, 9.045,
191.891

■ 66, 9.045, 191.891

■ 96, 9.045, 191.891

■ 56, 9.045, 191.891

■ 46, 9.045, 191.891

■ 36, 9.045, 191.891

■ 26, 9.045, 191.891

■ 16, 9.045, 191.891

■ 6, 9.045, 191.891

■ 0, 9.045, 191.891

■ 76, 9.045, 191.891

■ 76, 9.045, 191.891

75, 15.606,
191.128

77, 2.126, 192.799

74, 21.693,
190.387

79, 5.050, 13.175

73, 27.190,
189.644

81, 12.394, 13.960

72, 31.985,
188.890

84, 23.953, 14.231

71, 35.987,
188.115

84, 23.992, 12.317

71, 39.138,
187.305

84, 24.058, 10.411

71, 41.424,
186.444

84, 24.153, 8.518

70, 42.896,
185.516

84, 24.276, 6.643

70, 43.594,

184.838

Harmonies

Complementary

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



76, 9.045, 191.891



71, 9.702, 13.794

Rectangle

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



76, 9.045, 191.891



76, 9.045, 241.891



76, 9.045, 11.891



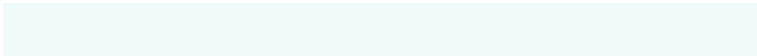
76, 9.045, 61.891

Sweetspot

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



76, 9.046, 191.882



97, 3.503, 192.657



76, 16.041, 141.495



52, 2.486, 192.573



99, 0.012, 296.813



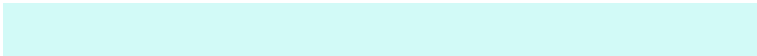
52, 0.007, 296.813

Same Dimension

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



76, 9.046, 191.882



95, 13.664, 191.634



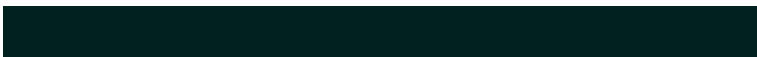
73, 7.586, 247.496



40, 3.999, 192.168



59, 38.093, 184.980



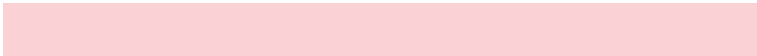
11, 13.066, 187.553

Inverse Universe

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



71, 9.702, 13.794



88, 14.929, 14.120



73, 7.972, 64.477



38, 4.204, 13.445



33, 70.621, 36.353



3, 14.055, 15.035

Previews

White Background



This preview shows how the CIELCh color 76, 9.045, 191.891 looks on a white background.

Color Contrast Check

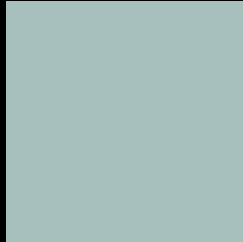
Large Text (above 18pt) WCAG AA × Fail

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, 9.045, 191.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

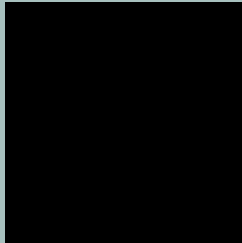
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

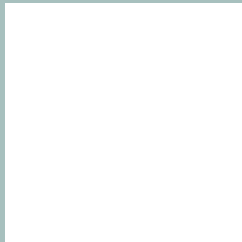
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 9.045, 191.891

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.045, 191.891.

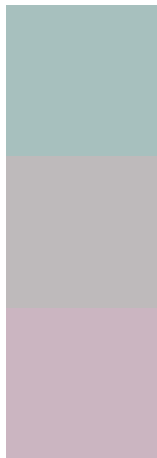


This preview shows how white text looks on a background with the CIELCh color 76, 9.045, 191.891.

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

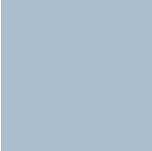
76, 9.045, 191.891

Protanopia

76, 1.588, 359.410

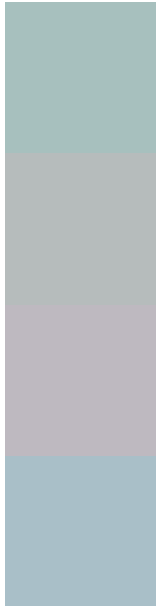
Deuteranopia

76, 10.440, 342.112



Tritanopia
76, 10.508, 249.522

Trichromacy



Original Color
76, 9.045, 191.891

Protanomaly
76, 2.200, 199.469

Deuteranomaly
76, 4.223, 316.292

Tritanomaly
76, 9.009, 231.600

Monochromacy



Original Color
76, 9.045, 191.891

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 3.348, 190.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.045, 191.891 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(167, 192, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 192, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.045, 191.891 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, 190) }
```

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

```
.border{ border-color:rgb(167, 192, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 192, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 192, 190);  
box-shadow:4px 4px 4px 4px rgb(167, 192,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.045, 191.891 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, 190) }
```

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

```
.background{ background-color: rgb(167,  
192, 190) }
```

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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