

Converting Colors

CIELCh(75, 8.981, 184.791)

Have a look what the booklet for
CIELCh(75, 8.981, 184.791) contains.

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Color

CIELCh(75, 8.973, 184.797)

Conversions

Conversions Part 1

Format	Color
Hex	A6BEBA
RGB	166, 190, 186
RGB Percent	65%, 75%, 73%
CMY	0.3503, 0.2562, 0.2719
CMYK	0.13, 0.00, 0.02, 0.26
HSL	170°, 16%, 70%
HSV	170°, 13%, 74%
XYZ	42.8198, 48.2781, 53.3245
YIQ	182.3680, -13.0200, -6.3320

Conversions

Conversions Part 2

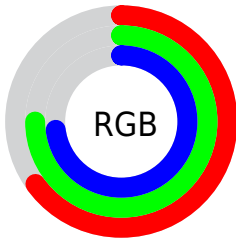
Format	Color
RYB	166, 179, 190
Decimal	10927802
CIELab	75.00, -8.94, -0.75
CIELCh	75, 8.973, 184.797
Yxy	48.2781, 0.2965, 0.3343
Android (android.graphics.Color)	4289117882 (0xFFA6BEBA)
YUV	182.3680, 1.7906, -14.3547
Hunter-Lab	69.4824, -11.5906, 3.1355

Details

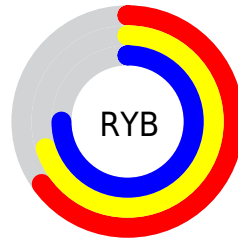
The CIELCh color **75, 8.973, 184.797** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 9.478, 6.946**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 8.912, 185.541**, and **55, 9.103, 183.877** is the 20% darker color. If you saturate the color by 10%, you get **74, 15.762, 183.869**, and if you desaturate by 10%, it is **76, 1.906, 185.857**.

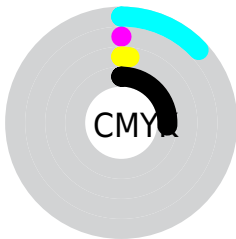
Distribution



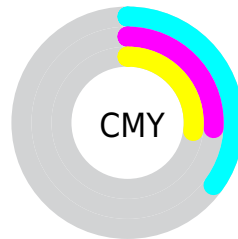
- Red (65%)
- Green (75%)
- Blue (73%)



- Red (65%)
- Yellow (70%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (35%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.973, 184.797 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 75, 8.973, 184.797 by changing the saturation by 10% instead.

■ 75, 8.973, 184.797

■ 75, 8.973, 184.797

■ 100, 8.973,
184.797

■ 65, 8.973, 184.797

■ 95, 8.973, 184.797

■ 55, 8.973, 184.797

■ 45, 8.973, 184.797

■ 35, 8.973, 184.797

■ 25, 8.973, 184.797

■ 15, 8.973, 184.797

■ 5, 8.973, 184.797

■ 0, 8.973, 184.797

■ 75, 8.973, 184.797

■ 75, 8.973, 184.797

74, 15.762,
183.869

76, 1.906, 185.857

73, 22.158,
182.920

78, 5.344, 6.334

72, 28.041,
181.920

80, 12.693, 7.194

71, 33.296,
180.854

82, 20.071, 7.992

70, 37.820,
179.701

83, 25.371, 7.473

70, 41.542,
178.440

83, 25.676, 3.841

69, 44.436,
177.048

83, 26.089, 0.314

69, 46.539,
175.510

83, 26.605,
356.916

69, 47.736,

174.318

Harmonies

Complementary

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



75, 8.973, 184.797



70, 9.478, 6.946

Rectangle

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



75, 8.973, 184.797



75, 8.973, 234.797



75, 8.973, 4.797



75, 8.973, 54.797

Sweetspot

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



75, 8.974, 184.789



97, 3.562, 185.646



75, 14.949, 138.718



52, 2.550, 185.554



99, 0.012, 296.813



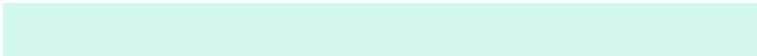
52, 0.007, 296.813

Same Dimension

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



75, 8.974, 184.789



95, 13.142, 184.551



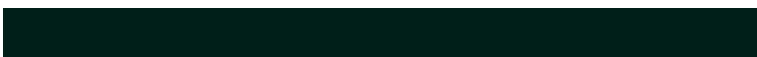
73, 7.087, 234.764



39, 4.024, 185.096



58, 41.603, 174.567



9, 12.822, 179.375

Inverse Universe

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



70, 9.478, 6.946



88, 14.043, 7.228



72, 7.575, 52.669



37, 4.189, 6.596



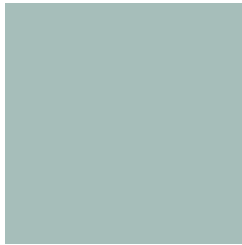
33, 66.029, 31.160



3, 12.450, 9.893

Previews

White Background



This preview shows how the CIELCh color 75, 8.973, 184.797 looks on a white background.

Color Contrast Check

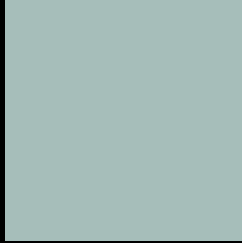
Large Text (above 18pt) WCAG AA × Fail

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 75, 8.973, 184.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

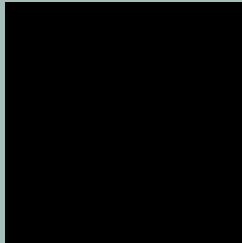
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

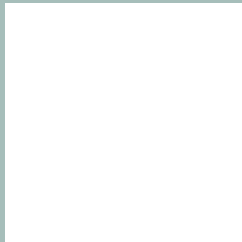
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.973, 184.797

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.973, 184.797.



This preview shows how white text looks on a background with the CIELCh color 75, 8.973, 184.797.

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
75, 10.116, 252.524

Trichromacy



Original Color
75, 8.973, 184.797

Protanomaly
75, 2.150, 169.375

Deuteranomaly
75, 2.867, 330.588

Tritanomaly
75, 8.194, 230.894

Monochromacy



Original Color
75, 8.973, 184.797

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.499, 181.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.973, 184.797 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(166, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(166, 190, 186)  
}
```

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(166, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 190, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.973, 184.797 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(166, 190, 186) }
```

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

```
.border{ border-color:rgb(166, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 190, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 190, 186);  
box-shadow:4px 4px 4px 4px rgb(166, 190,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.973, 184.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 190, 186) }
```

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

```
.background{ background-color: rgb(166,  
190, 186) }
```

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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