

Converting Colors

CIELCh(75, 9.202, 190.194)

Have a look what the booklet for
CIELCh(75, 9.202, 190.194) contains.

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Color

CIELCh(75, 9.171, 188.536)

Conversions

Conversions Part 1

Format	Color
Hex	A5BEBB
RGB	165, 190, 187
RGB Percent	65%, 75%, 73%
CMY	0.3538, 0.2558, 0.2676
CMYK	0.13, 0.00, 0.02, 0.26
HSL	173°, 16%, 70%
HSV	173°, 13%, 74%
XYZ	42.7769, 48.2781, 53.9468
YIQ	182.1830, -13.9370, -6.2330

Conversions

Conversions Part 2

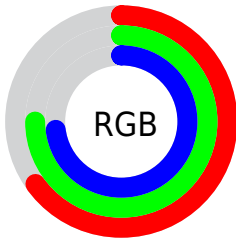
Format	Color
RYB	165, 178, 190
Decimal	10862267
CIELab	75.00, -9.07, -1.36
CIELCh	75, 9.171, 188.536
Yxy	48.2781, 0.2950, 0.3329
Android (android.graphics.Color)	4289052347 (0xFFA5BEBB)
YUV	182.1830, 2.3748, -15.0695
Hunter-Lab	69.4824, -11.7006, 2.6044

Details

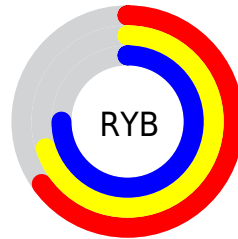
The CIELCh color **75, 9.171, 188.536** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 9.783, 10.641**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 9.115, 189.123**, and **55, 9.292, 187.791** is the 20% darker color. If you saturate the color by 10%, you get **74, 15.775, 187.686**, and if you desaturate by 10%, it is **76, 2.245, 189.500**.

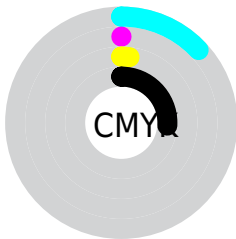
Distribution



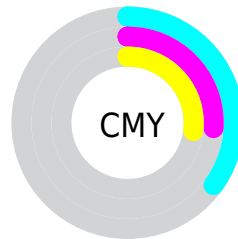
- Red (65%)
- Green (75%)
- Blue (73%)



- 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, 9.171, 188.536 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, 9.171, 188.536 by changing the saturation by 10% instead.

■ 75, 9.171, 188.536

■ 75, 9.171, 188.536

■ 100, 9.171,
188.536

■ 65, 9.171, 188.536

■ 95, 9.171, 188.536

■ 55, 9.171, 188.536

■ 45, 9.171, 188.536

■ 35, 9.171, 188.536

■ 25, 9.171, 188.536

■ 15, 9.171, 188.536

■ 5, 9.171, 188.536

■ 0, 9.171, 188.536

■ 75, 9.171, 188.536

■ 75, 9.171, 188.536

74, 15.775,
187.686

76, 2.245, 189.500

73, 21.940,
186.835

78, 4.905, 9.952

72, 27.551,
185.957

80, 12.191, 10.785

71, 32.495,
185.039

83, 25.121, 11.460

70, 36.677,
184.066

83, 25.243, 8.775

70, 40.032,
183.019

83, 25.424, 6.122

69, 42.544,
181.879

83, 25.663, 3.516

69, 44.259,
180.628

83, 25.957, 0.965

69, 45.121,

179.733

Harmonies

Complementary

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



75, 9.171, 188.536



70, 9.783, 10.641

Rectangle

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



75, 9.171, 188.536



75, 9.171, 238.536



75, 9.171, 8.536



75, 9.171, 58.536

Sweetspot

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



75, 9.172, 188.528



97, 3.508, 189.379



75, 15.820, 140.113



52, 2.511, 189.291



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, 9.172, 188.528



95, 13.729, 188.267



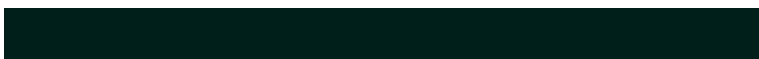
73, 7.441, 241.255



39, 3.956, 188.858



58, 39.343, 179.933



9, 12.417, 183.898

Inverse Universe

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



70, 9.783, 10.641



87, 14.878, 10.968



72, 7.906, 58.584



37, 4.140, 10.252



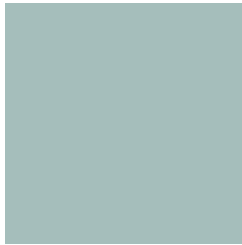
33, 68.071, 34.159



3, 12.361, 12.520

Previews

White Background



This preview shows how the CIELCh color 75, 9.171, 188.536 looks on a white background.

Color Contrast Check

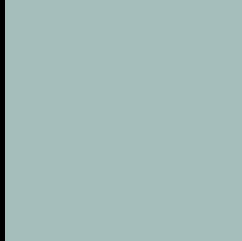
Large Text (above 18pt) WCAG AA × Fail

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, 9.171, 188.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

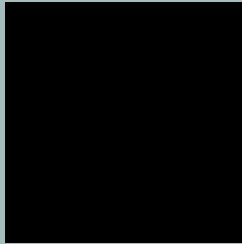
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

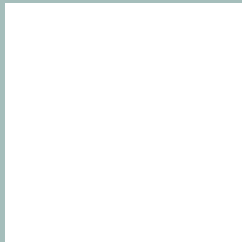
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 9.171, 188.536

Background



This preview shows how black text looks on a background with the CIELCh color 75, 9.171, 188.536.



This preview shows how white text looks on a background with the CIELCh color 75, 9.171, 188.536.

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
75, 9.171, 188.536

Protanopia
75, 1.867, 19.282

Deuteranopia
75, 9.537, 345.808



Tritanopia
75, 10.322, 251.008

Trichromacy



Original Color
75, 9.171, 188.536

Protanomaly
75, 1.928, 183.264

Deuteranomaly
75, 3.101, 318.863

Tritanomaly
75, 8.486, 229.656

Monochromacy



Original Color
75, 9.171, 188.536

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.357, 190.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 9.171, 188.536 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(165, 190, 187)` looks like.

```
.text, #text, p{  
    color:rgb(165, 190, 187)  
}
```

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(165, 190, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 190, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 9.171, 188.536 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(165, 190, 187) }
```

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

```
.border{ border-color:rgb(165, 190, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 190, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 190, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 190, 187); box-shadow:4px 4px 4px 4px rgb(165, 190, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 9.171, 188.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 190, 187) }
```

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

```
.background{ background-color: rgb(165,  
190, 187) }
```

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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