

Converting Colors

CIELCh(75, 10.322, 169.638)

Have a look what the booklet for
CIELCh(75, 10.322, 169.638)
contains.

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Color

CIELCh(75, 10.094, 169.872)

Conversions

Conversions Part 1

Format	Color
Hex	A6BEB5
RGB	166, 190, 181
RGB Percent	65%, 75%, 71%
CMY	0.3490, 0.2548, 0.2901
CMYK	0.13, 0.00, 0.05, 0.25
HSL	157°, 16%, 70%
HSV	157°, 13%, 75%
XYZ	42.4871, 48.2781, 50.8027
YIQ	181.7980, -11.4150, -7.8870

Conversions

Conversions Part 2

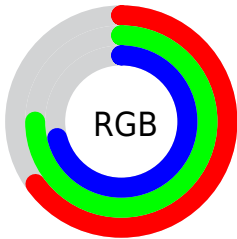
Format	Color
RYB	166, 181, 190
Decimal	10927797
CIELab	75.00, -9.94, 1.78
CIELCh	75, 10.094, 169.872
Yxy	48.2781, 0.3001, 0.3410
Android (android.graphics.Color)	4289117877 (0xFFA6BEB5)
YUV	181.7980, -0.3934, -13.8548
Hunter-Lab	69.4824, -12.4451, 5.2873

Details

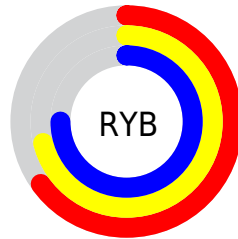
The CIELCh color **75, 10.094, 169.872** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 10.374, 352.110**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 9.928, 171.057**, and **55, 10.368, 168.486** is the 20% darker color. If you saturate the color by 10%, you get **74, 17.959, 168.851**, and if you desaturate by 10%, it is **77, 2.106, 170.947**.

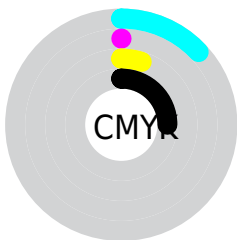
Distribution



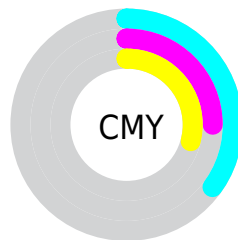
- Red (65%)
- Green (75%)
- Blue (71%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.094, 169.872 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, 10.094, 169.872 by changing the saturation by 10% instead.


 75, 10.094,
169.872


 75, 10.094,
169.872


 100, 10.094,
169.872


 65, 10.094,
169.872


 95, 10.094,
169.872

 55, 10.094,
169.872

 45, 10.094,
169.872

 35, 10.094,
169.872

 25, 10.094,
169.872

 15, 10.094,
169.872

 5, 10.094, 169.872

■ 0, 10.094, 169.872

■ 75, 10.094,
169.872

■ 75, 10.094,
169.872

■ 74, 17.959,
168.851

■ 77, 2.106, 170.947

■ 78, 5.916, 351.518

■ 72, 25.583,
167.750

■ 80, 13.894,
352.354

■ 71, 32.840,
166.536

■ 82, 21.771,
353.111

■ 70, 39.597,
165.185

■ 83, 27.567,
351.366

■ 70, 45.730,
163.671

■ 84, 29.399,
344.893

■ 69, 51.138,
161.970

■ 84, 31.586,

■ 69, 55.771,
160.066

339.294

■ 68, 59.641,
157.955

■ 84, 34.056,
334.511

■ 68, 62.148,
156.340

■ 84, 36.749,
330.450

Harmonies

Complementary

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



75, 10.094, 169.872



70, 10.374, 352.110

Rectangle

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



75, 10.094, 169.872



75, 10.094, 219.872



75, 10.094, 349.872



75, 10.094, 39.872

Sweetspot

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



75, 10.096, 169.867



97, 3.968, 170.747



75, 14.103, 132.511



52, 2.843, 170.658



99, 0.012, 296.813



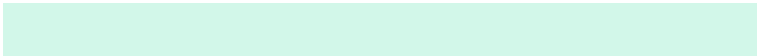
52, 0.007, 296.813

Same Dimension

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



75, 10.096, 169.867



94, 14.831, 169.608



74, 7.697, 210.268



39, 4.510, 170.191



57, 53.909, 156.684



9, 15.137, 163.186

Inverse Universe

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



70, 10.374, 352.110



88, 15.324, 352.385



71, 8.358, 30.509



37, 4.603, 351.771



33, 59.545, 13.370



3, 13.164, 358.708

Previews

White Background



This preview shows how the CIELCh color 75, 10.094, 169.872 looks on a white background.

Color Contrast Check

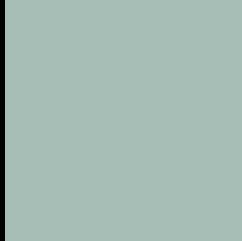
Large Text (above 18pt) WCAG AA × Fail

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 75, 10.094, 169.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

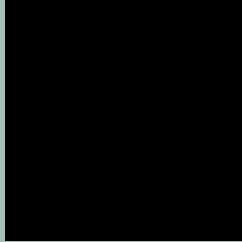
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

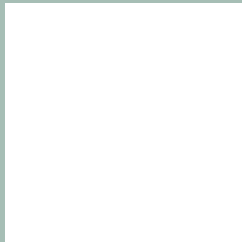
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 10.094, 169.872

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.094, 169.872.

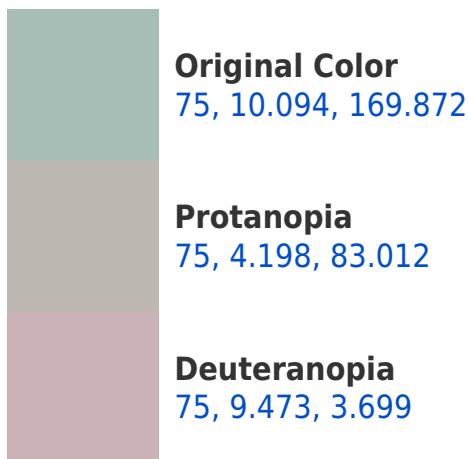


This preview shows how white text looks on a background with the CIELCh color 75, 10.094, 169.872.

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, 9.917, 254.106

Trichromacy



Original Color
75, 10.094, 169.872

Protanomaly
75, 4.711, 133.169

Deuteranomaly
75, 2.622, 19.425

Tritanomaly
75, 7.427, 224.924

Monochromacy



Original Color
75, 10.094, 169.872

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.715, 173.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.094, 169.872 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(166, 190, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 190, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.094, 169.872 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, 181) }
```

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

```
.border{ border-color:rgb(166, 190, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 190, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 190, 181); box-shadow:4px 4px 4px 4px rgb(166, 190, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.094, 169.872 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, 181) }
```

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

```
.background{ background-color: rgb(166,  
190, 181) }
```

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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