

Converting Colors

CIELCh(75, 13.005, 216.259)

Have a look what the booklet for
CIELCh(75, 13.005, 216.259)
contains.

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Color

CIELCh(75, 12.872, 215.699)

Conversions

Conversions Part 1

Format	Color
Hex	9BBFC6
RGB	155, 191, 198
RGB Percent	61%, 75%, 78%
CMY	0.3923, 0.2512, 0.2237
CMYK	0.22, 0.04, 0.00, 0.22
HSL	190°, 27%, 69%
HSV	190°, 22%, 78%
XYZ	42.3151, 48.2781, 60.4835
YIQ	181.0340, -23.7030, -5.4550

Conversions

Conversions Part 2

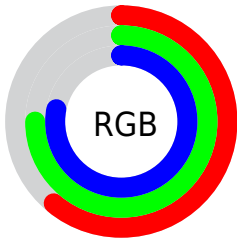
Format	Color
R_{YB}	155, 175, 198
Decimal	10207174
CIE _{Lab}	75.00, -10.45, -7.51
CIE _{LCh}	75, 12.872, 215.699
Yxy	48.2781, 0.2801, 0.3196
Android (android.graphics.Color)	4288397254 (0xFF9BBFC6)
YUV	181.0340, 8.3642, -22.8318
Hunter-Lab	69.4824, -12.8870, -2.9734

Details

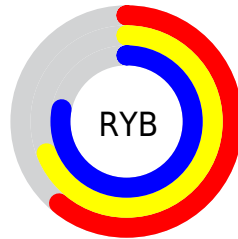
The CIELCh color `75, 12.872, 215.699` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `70, 14.908, 35.333`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 12.882, 217.402`, and `55, 12.882, 213.885` is the 20% darker color. If you saturate the color by 10%, you get `73, 18.132, 216.107`, and if you desaturate by 10%, it is `77, 7.157, 215.465`.

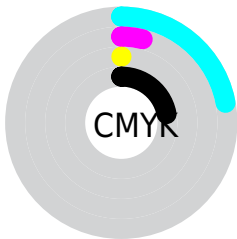
Distribution



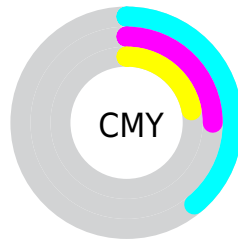
- Red (61%)
- Green (75%)
- Blue (78%)



- Red (61%)
- Yellow (69%)
- Blue (78%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)





- Cyan (39%)
- Magenta (25%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 12.872, 215.699 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, 12.872, 215.699 by changing the saturation by 10% instead.

 75, 12.872,
215.699

 75, 12.872,
215.699


 100, 12.872,
215.699


 65, 12.872,
215.699


 95, 12.872,
215.699

 55, 12.872,
215.699

 45, 12.872,
215.699

 35, 12.872,
215.699

 25, 12.872,
215.699

 15, 12.872,
215.699

 5, 12.872, 215.699

0, 12.872, 215.699

75, 12.872,
215.699

75, 12.872,
215.699

73, 18.132,
216.107

77, 7.157, 215.465

71, 22.838,
216.736

79, 1.078, 215.763

82, 5.282, 35.122

69, 26.894,
217.629

84, 11.851, 35.226

68, 30.219,
218.845

87, 18.571, 35.347

88, 18.326, 40.871

66, 32.758,
220.452

89, 17.881, 47.049

65, 34.506,
222.519

89, 17.657, 53.457

■ 64, 35.521,
225.108

■ 90, 17.662, 59.938

■ 63, 35.980,
227.589

Harmonies

Complementary

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



75, 12.872, 215.699



70, 14.908, 35.333

Rectangle

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



75, 12.872, 215.699



75, 12.872, 265.699



75, 12.872, 35.699



75, 12.872, 85.699

Sweetspot

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



75, 12.872, 215.692



98, 5.313, 215.438



76, 25.459, 147.355



52, 3.447, 215.436



0, 0.000, 0.000



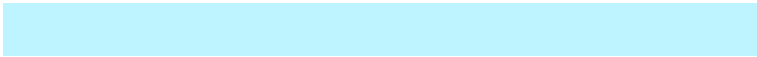
53, 0.007, 296.813

Same Dimension

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



75, 12.872, 215.692



93, 18.624, 215.861



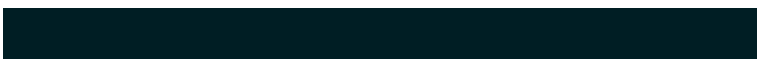
69, 16.035, 272.921



41, 3.498, 215.442



52, 31.179, 227.094



9, 11.324, 219.721

Inverse Universe

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



69, 25.301, 330.574



84, 37.200, 330.871



75, 16.183, 86.997



39, 6.597, 329.796



37, 72.971, 335.887



4, 23.203, 333.245

Previews

White Background



This preview shows how the CIE LCh color 75, 12.872, 215.699 looks on a white background.

Color Contrast Check

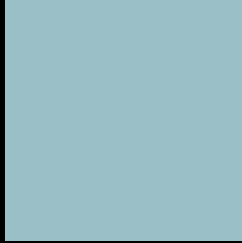
Large Text (above 18pt) WCAG AA × Fail

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, 12.872, 215.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

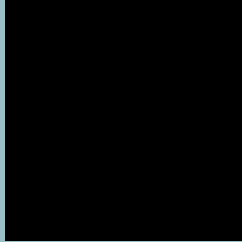
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

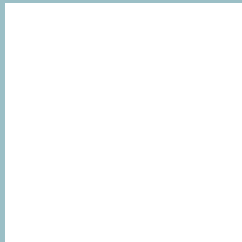
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 12.872, 215.699

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.872, 215.699.

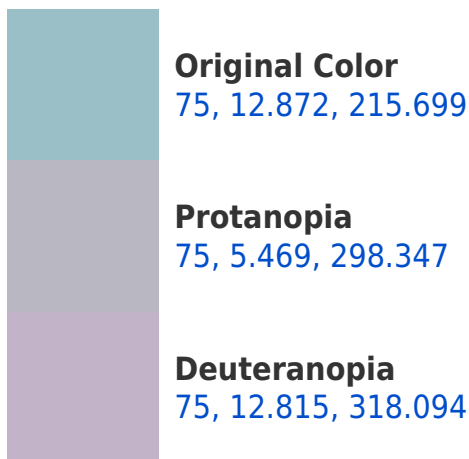


This preview shows how white text looks on a background with the CIELCh color 75, 12.872, 215.699.

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, 13.881, 234.580

Trichromacy



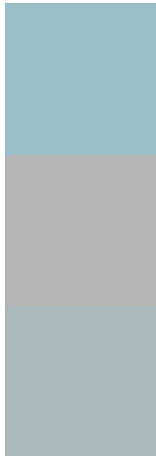
Original Color
75, 12.872, 215.699

Protanomaly
75, 6.412, 248.659

Deuteranomaly
75, 8.699, 283.935

Tritanomaly
75, 13.133, 228.372

Monochromacy



Original Color
75, 12.872, 215.699

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.822, 212.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.872, 215.699 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(155, 191, 198)` looks like.

```
.text, #text, p{  
    color:rgb(155, 191, 198)  
}
```

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(155, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 191, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.872, 215.699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

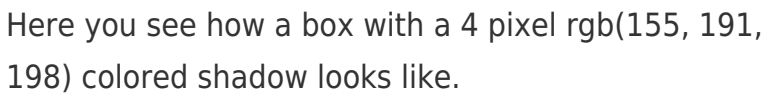
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 191, 198) }
```

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

```
.border{ border-color:rgb(155, 191, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 191, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 191, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 191, 198); box-shadow:4px 4px 4px 4px rgb(155, 191, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.872, 215.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 191, 198) }
```

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

```
.background{ background-color: rgb(155,  
191, 198) }
```

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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