

Converting Colors

CIELCh(75, 11.345, 213.955)

Have a look what the booklet for
CIELCh(75, 11.345, 213.955)
contains.

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Color

CIELCh(75, 11.203, 215.540)

Conversions

Conversions Part 1

Format	Color
Hex	9FBEC4
RGB	159, 190, 196
RGB Percent	62%, 75%, 77%
CMY	0.3758, 0.2542, 0.2307
CMYK	0.19, 0.03, 0.00, 0.23
HSL	190°, 24%, 70%
HSV	190°, 19%, 77%
XYZ	42.7613, 48.2781, 59.3874
YIQ	181.4150, -20.4020, -4.7060

Conversions

Conversions Part 2

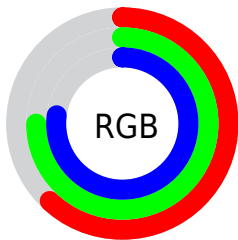
Format	Color
R_{YB}	159, 176, 196
Decimal	10469060
CIE _{Lab}	75.00, -9.12, -6.51
CIE _{LCh}	75, 11.203, 215.540
Yxy	48.2781, 0.2843, 0.3209
Android (android.graphics.Color)	4288659140 (0xFF9FBEC4)
YUV	181.4150, 7.1904, -19.6580
Hunter-Lab	69.4824, -11.7407, -2.0381

Details

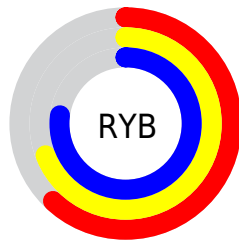
The CIELCh color **75, 11.203, 215.540** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 12.704, 35.213**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 11.245, 217.537**, and **55, 11.202, 213.355** is the 20% darker color. If you saturate the color by 10%, you get **73, 16.566, 215.887**, and if you desaturate by 10%, it is **77, 5.415, 215.366**.

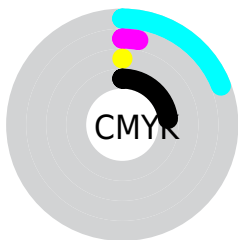
Distribution



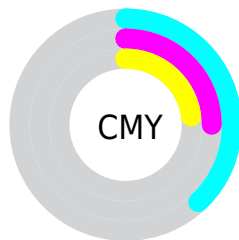
- Red (62%)
- Green (75%)
- Blue (77%)



- Red (62%)
- Yellow (69%)
- Blue (77%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)





- Cyan (38%)
- Magenta (25%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 11.203, 215.540 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, 11.203, 215.540 by changing the saturation by 10% instead.


 75, 11.203,
215.540


 75, 11.203,
215.540


 100, 11.203,
215.540


 65, 11.203,
215.540


 95, 11.203,
215.540

 55, 11.203,
215.540

 45, 11.203,
215.540

 35, 11.203,
215.540

 25, 11.203,
215.540

 15, 11.203,
215.540

 5, 11.203, 215.540

0, 11.203, 215.540

75, 11.203,
215.540

75, 11.203,
215.540

73, 16.566,
215.887

77, 5.415, 215.366

71, 21.407,
216.446

79, 0.709, 34.404

69, 25.630,
217.252

82, 7.091, 35.088

68, 29.147,
218.361

87, 19.514, 35.925

66, 31.896,
219.838

87, 18.894, 41.526

65, 33.855,
221.754

88, 18.469, 47.443

89, 18.254, 53.565

■ 63, 35.061,
224.174

■ 90, 18.256, 59.752

■ 62, 35.675,
227.089

■ 62, 35.738,
227.429

Harmonies

Complementary

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



75, 11.203, 215.540



70, 12.704, 35.213

Rectangle

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



75, 11.203, 215.540



75, 11.203, 265.540



75, 11.203, 35.540



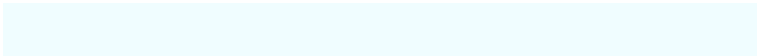
75, 11.203, 85.540

Sweetspot

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



75, 11.203, 215.532



98, 4.568, 215.373



76, 21.934, 147.584



52, 3.025, 215.367



0, 0.000, 0.000



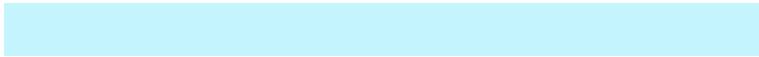
53, 0.007, 296.813

Same Dimension

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



75, 11.203, 215.532



94, 16.657, 215.669



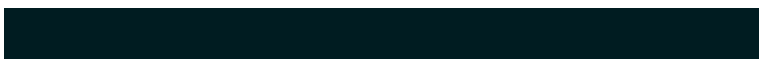
70, 13.797, 272.446



40, 3.425, 215.369



52, 30.821, 226.914



8, 10.592, 220.301

Inverse Universe

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



70, 21.807, 330.371



86, 32.925, 330.656



75, 13.904, 87.371



38, 6.460, 329.773



37, 72.176, 335.841



4, 20.776, 332.675

Previews

White Background



This preview shows how the CIE LCh color 75, 11.203, 215.540 looks on a white background.

Color Contrast Check

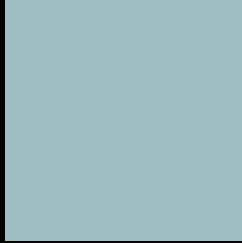
Large Text (above 18pt) WCAG AA × Fail

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, 11.203, 215.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

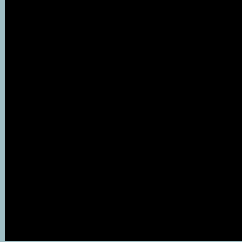
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

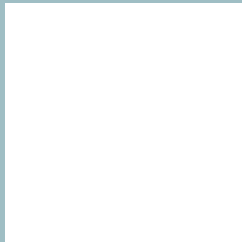
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 11.203, 215.540

Background



This preview shows how black text looks on a background with the CIELCh color 75, 11.203, 215.540.

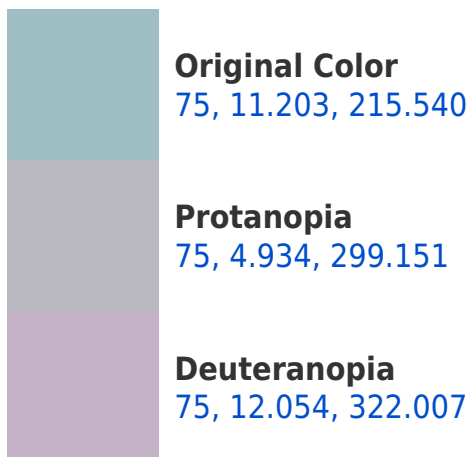


This preview shows how white text looks on a background with the CIELCh color 75, 11.203, 215.540.

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](#).

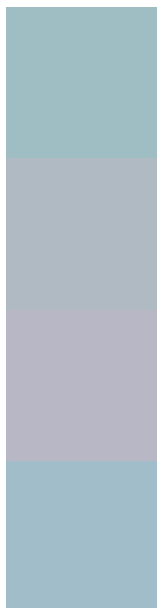
Dichromacy





Tritanopia
75, 12.373, 239.928

Trichromacy



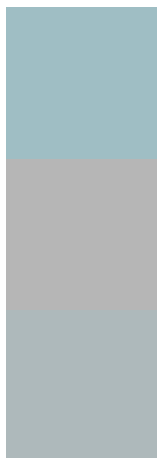
Original Color
75, 11.203, 215.540

Protanomaly
75, 5.562, 250.364

Deuteranomaly
75, 7.570, 290.899

Tritanomaly
75, 11.760, 232.382

Monochromacy



Original Color
75, 11.203, 215.540

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.128, 214.431

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 11.203, 215.540 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(159, 190, 196)` looks like.

```
.text, #text, p{  
    color:rgb(159, 190, 196)  
}
```

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(159, 190, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 190, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 11.203, 215.540 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(159, 190, 196) }
```

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

```
.border{ border-color:rgb(159, 190, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 190, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 190, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 190, 196);  
box-shadow:4px 4px 4px 4px rgb(159, 190,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 11.203, 215.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 190, 196) }
```

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

```
.background{ background-color: rgb(159,  
190, 196) }
```

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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