

Converting Colors

CIELCh(75, 8.912, 216.470)

Have a look what the booklet for
CIELCh(75, 8.912, 216.470) contains.

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Color

CIELCh(75, 8.845, 216.667)

Conversions

Conversions Part 1

Format	Color
Hex	A5BDC2
RGB	165, 189, 194
RGB Percent	65%, 74%, 76%
CMY	0.3530, 0.2589, 0.2393
CMYK	0.15, 0.03, 0.00, 0.24
HSL	190°, 19%, 70%
HSV	190°, 15%, 76%
XYZ	43.4417, 48.2781, 58.0563
YIQ	182.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

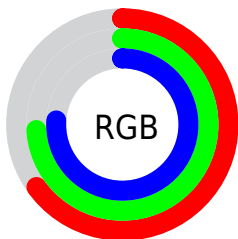
Format	Color
RYB	165, 178, 194
Decimal	10862018
CIELab	75.00, -7.09, -5.28
CIELCh	75, 8.845, 216.667
Yxy	48.2781, 0.2900, 0.3223
Android (android.graphics.Color)	4289052098 (0xFFA5BDC2)
YUV	182.3940, 5.7218, -15.2545
Hunter-Lab	69.4824, -9.9928, -0.9023

Details

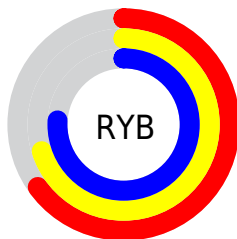
The CIELCh color `75, 8.845, 216.667` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `72, 9.748, 36.218`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 8.823, 215.931`, and `55, 8.783, 213.871` is the 20% darker color. If you saturate the color by 10%, you get `73, 14.305, 216.997`, and if you desaturate by 10%, it is `77, 3.006, 216.556`.

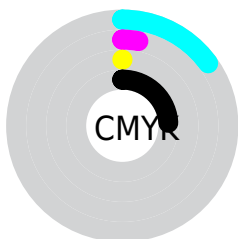
Distribution



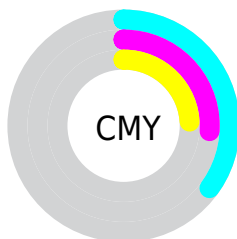
- Red (65%)
- Green (74%)
- Blue (76%)



- Red (65%)
- Yellow (70%)
- Blue (76%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (35%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.845, 216.667 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, 8.845, 216.667 by changing the saturation by 10% instead.

■ 75, 8.845, 216.667

■ 75, 8.845, 216.667

■ 100, 8.845,
216.667

■ 65, 8.845, 216.667

■ 95, 8.845, 216.667

■ 55, 8.845, 216.667

■ 45, 8.845, 216.667

■ 35, 8.845, 216.667

■ 25, 8.845, 216.667

■ 15, 8.845, 216.667

■ 5, 8.845, 216.667

■ 0, 8.845, 216.667

■ 75, 8.845, 216.667

■ 75, 8.845, 216.667

73, 14.305,
216.997

77, 3.006, 216.556

71, 19.292,
217.539

80, 3.130, 36.104

82, 9.490, 36.204

69, 23.714,
218.320

85, 16.015, 36.279

67, 27.480,
219.397

87, 20.004, 38.346

87, 19.438, 44.151

66, 30.517,
220.834

88, 19.087, 50.235

64, 32.789,
222.706

89, 18.962, 56.467

90, 19.068, 62.696

63, 34.308,
225.085

62, 35.159,
228.025

61, 35.463,

229.640

Harmonies

Complementary

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



75, 8.845, 216.667



72, 9.748, 36.218

Rectangle

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



75, 8.845, 216.667



75, 8.845, 266.667



75, 8.845, 36.667



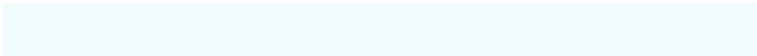
75, 8.845, 86.667

Sweetspot

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



75, 8.845, 216.656



98, 3.015, 216.582



76, 16.998, 148.422



53, 2.157, 216.559



0, 0.000, 0.000



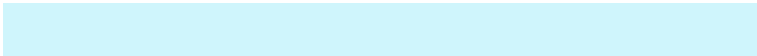
53, 0.007, 296.813

Same Dimension

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



75, 8.845, 216.656



94, 13.061, 216.749



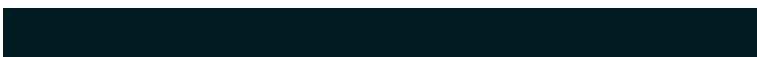
71, 11.012, 273.170



40, 3.403, 216.553



51, 30.831, 229.119



8, 10.525, 222.159

Inverse Universe

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



71, 16.978, 330.473



88, 25.352, 330.685



75, 11.040, 89.244



38, 6.413, 330.118



36, 71.621, 336.414



4, 20.572, 333.163

Previews

White Background



This preview shows how the CIELCh color 75, 8.845, 216.667 looks on a white background.

Color Contrast Check

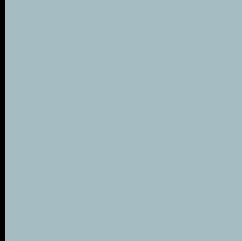
Large Text (above 18pt) WCAG AA × Fail

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, 8.845, 216.667 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

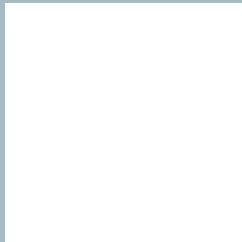
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.845, 216.667

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.845, 216.667.



This preview shows how white text looks on a background with the CIELCh color 75, 8.845, 216.667.

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](#).

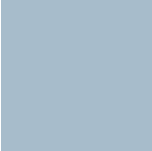
Dichromacy



Original Color
75, 8.845, 216.667

Protanopia
75, 4.480, 304.783

Deuteranopia
75, 11.363, 326.453



Tritanopia
75, 10.742, 248.154

Trichromacy



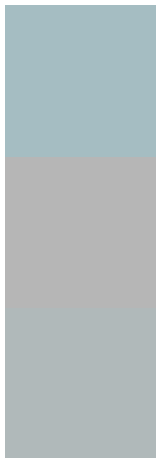
Original Color
75, 8.845, 216.667

Protanomaly
75, 4.513, 256.421

Deuteranomaly
75, 6.540, 297.158

Tritanomaly
75, 9.913, 239.946

Monochromacy



Original Color
75, 8.845, 216.667

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.327, 208.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.845, 216.667 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, 189, 194)` looks like.

```
.text, #text, p{  
    color:rgb(165, 189, 194)  
}
```

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, 189, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 189, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.845, 216.667 is called "border". The border property can be set on classes, ids or directly on the HTML element.

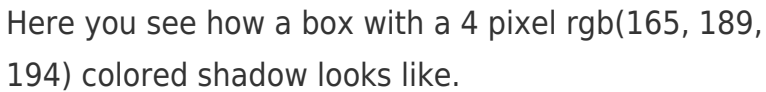
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 189, 194) }
```

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

```
.border{ border-color:rgb(165, 189, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 189, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 189, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 189, 194); box-shadow:4px 4px 4px 4px rgb(165, 189, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.845, 216.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 189, 194) }
```

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

```
.background{ background-color: rgb(165,  
189, 194) }
```

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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