

Converting Colors

CIELCh(75, 11.589, 256.484)

Have a look what the booklet for
CIELCh(75, 11.589, 256.484)
contains.

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Color

CIELCh(75, 11.579, 256.470)

Conversions

Conversions Part 1

Format	Color
Hex	A8BBCD
RGB	168, 187, 205
RGB Percent	66%, 73%, 80%
CMY	0.3411, 0.2666, 0.1960
CMYK	0.18, 0.09, 0.00, 0.20
HSL	209°, 27%, 73%
HSV	209°, 18%, 80%
XYZ	44.9427, 48.2781, 64.7133
YIQ	183.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

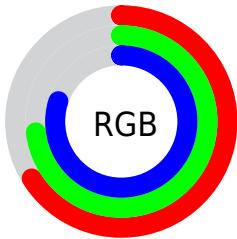
Format	Color
RYB	168, 181, 205
Decimal	11058125
CIELab	75.00, -2.71, -11.26
CIElCh	75, 11.579, 256.470
Yxy	48.2781, 0.2846, 0.3057
Android (android.graphics.Color)	4289248205 (0xFFA8BBCD)
YUV	183.3710, 10.6631, -13.4804
Hunter-Lab	69.4824, -6.1367, -6.5827

Details

The CIELCh color $75, 11.579, 256.470$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 12.182, 71.729$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 9.042, 242.269$, and $55, 11.544, 257.150$ is the 20% darker color. If you saturate the color by 10%, you get $71, 17.857, 258.211$, and if you desaturate by 10%, it is $79, 5.197, 255.025$.

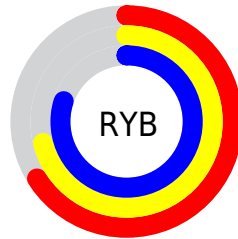
Distribution



Red (66%)

Green (73%)

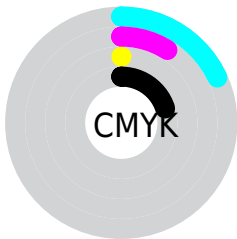
Blue (80%)



Red (66%)

Yellow (71%)

Blue (80%)

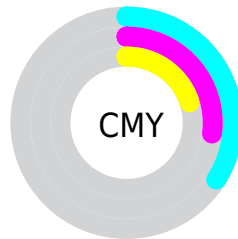


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (20%)



Cyan (34%)


Magenta (27%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 11.579, 256.470 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, 11.579, 256.470 by changing the saturation by 10% instead.


 75, 11.579,
256.470


 75, 11.579,
256.470


 100, 11.579,
256.470


 65, 11.579,
256.470


 95, 11.579,
256.470

 55, 11.579,
256.470

 45, 11.579,
256.470

 35, 11.579,
256.470

 25, 11.579,
256.470

 15, 11.579,
256.470

 5, 11.579, 256.470

0, 11.579, 256.470

75, 11.579,
256.470

75, 11.579,
256.470

71, 17.857,
258.211

79, 5.197, 255.025

83, 1.257, 73.396

67, 24.008,
260.306

87, 7.757, 72.594

63, 30.011,
262.808

92, 14.279, 71.709

59, 35.867,
265.773

94, 17.701, 86.166

97, 21.471,
100.318

56, 41.600,
269.242

99, 25.230,
108.264

52, 47.275,
273.210

■ 49, 52.987,
277.600

■ 46, 58.850,
282.200

■ 45, 60.030,
283.052

Harmonies

Complementary

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



75, 11.579, 256.470



77, 12.182, 71.729

Rectangle

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



75, 11.579, 256.470



75, 11.579, 306.470



75, 11.579, 76.470



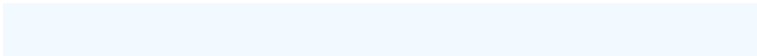
75, 11.579, 126.470

Sweetspot

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



75, 11.578, 256.463



98, 3.863, 254.674



79, 16.957, 161.235



52, 2.634, 254.752



0, 0.000, 0.000



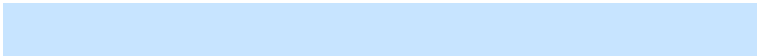
53, 0.007, 296.813

Same Dimension

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



75, 11.578, 256.463



89, 16.796, 257.164



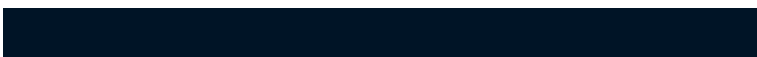
70, 19.940, 291.530



41, 3.645, 255.199



36, 50.502, 282.298



6, 14.892, 269.935

Inverse Universe

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



73, 17.280, 344.453



86, 25.231, 344.865



81, 19.159, 107.746



40, 5.360, 343.654



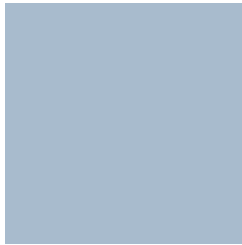
35, 61.588, 0.348



4, 20.059, 352.679

Previews

White Background



This preview shows how the CIELCh color 75, 11.579, 256.470 looks on a white background.

Color Contrast Check

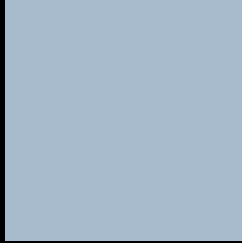
Large Text (above 18pt) WCAG AA × Fail

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, 11.579, 256.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

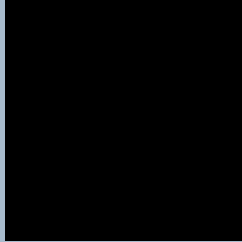
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

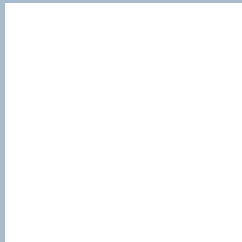
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 11.579, 256.470

Background



This preview shows how black text looks on a background with the CIELCh color 75, 11.579, 256.470.



This preview shows how white text looks on a background with the CIELCh color 75, 11.579, 256.470.

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, 11.579, 256.470

Protanopia

75, 10.811, 289.321

Deuteranopia

75, 15.910, 308.445



Tritanopia
75, 10.322, 251.008

Trichromacy



Original Color
75, 11.579, 256.470

Protanomaly
75, 11.030, 278.319

Deuteranomaly
75, 12.993, 292.954

Tritanomaly
75, 10.730, 252.967

Monochromacy



Original Color
75, 11.579, 256.470

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 4.333, 260.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 11.579, 256.470 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(168, 187, 205)` looks like.

```
.text, #text, p{  
    color:rgb(168, 187, 205)  
}
```

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(168, 187, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 187, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 11.579, 256.470 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(168, 187, 205) }
```

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

```
.border{ border-color:rgb(168, 187, 205) }
```

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

Here you see how a box with a 4 pixel rgb(168, 187, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 187, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 187, 205);  
box-shadow:4px 4px 4px 4px rgb(168, 187,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 11.579, 256.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 187, 205) }
```

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

```
.background{ background-color: rgb(168,  
187, 205) }
```

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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