

Converting Colors

CIELCh(75, 12.375, 255.327)

Have a look what the booklet for
CIELCh(75, 12.375, 255.327)
contains.

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Color

CIELCh(75, 12.375, 255.386)

Conversions

Conversions Part 1

Format	Color
Hex	A6BBCE
RGB	166, 187, 206
RGB Percent	65%, 73%, 81%
CMY	0.3478, 0.2655, 0.1910
CMYK	0.19, 0.09, 0.00, 0.19
HSL	208°, 29%, 73%
HSV	208°, 19%, 81%
XYZ	44.7998, 48.2781, 65.5446
YIQ	182.8870, -18.6150, 1.4570

Conversions

Conversions Part 2

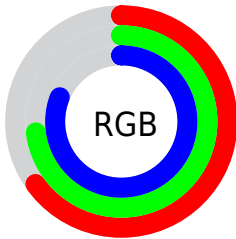
Format	Color
R _Y B	166, 180, 206
Decimal	10927054
CIE Lab	75.00, -3.12, -11.97
CIE LCh	75, 12.375, 255.386
Yxy	48.2781, 0.2824, 0.3044
Android (android.graphics.Color)	4289117134 (0xFFA6BBCE)
YUV	182.8870, 11.3947, -14.8099
Hunter-Lab	69.4824, -6.5039, -7.2921

Details

The CIELCh color `75, 12.375, 255.386` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 13.125, 70.328`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 9.532, 239.542`, and `55, 12.370, 256.088` is the 20% darker color. If you saturate the color by 10%, you get `71, 18.587, 257.159`, and if you desaturate by 10%, it is `79, 6.040, 253.914`.

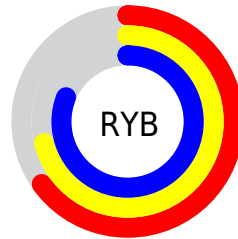
Distribution



Red (65%)

Green (73%)

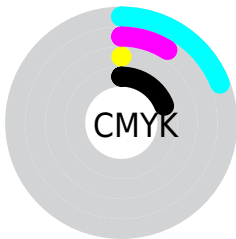
Blue (81%)



Red (65%)

Yellow (71%)

Blue (81%)

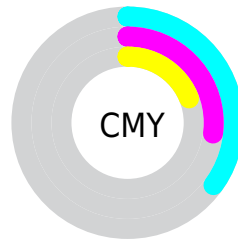


Cyan (19%)

Magenta (9%)

Yellow (0%)

Black (19%)



Cyan (35%)


Magenta (27%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 12.375, 255.386 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, 12.375, 255.386 by changing the saturation by 10% instead.


 75, 12.375,
255.386


 75, 12.375,
255.386


 100, 12.375,
255.386


 65, 12.375,
255.386


 95, 12.375,
255.386

 55, 12.375,
255.386

 45, 12.375,
255.386

 35, 12.375,
255.386

 25, 12.375,
255.386

 15, 12.375,
255.386

 5, 12.375, 255.386

0, 12.375, 255.386

75, 12.375,
255.386

75, 12.375,
255.386

71, 18.587,
257.159

79, 6.040, 253.914

83, 0.385, 71.557

67, 24.651,
259.295

87, 6.871, 71.461

63, 30.544,
261.850

91, 13.390, 70.578

59, 36.267,
264.884

94, 16.913, 84.361

97, 20.502, 99.223

56, 41.848,
268.433

99, 24.580,
108.313

52, 47.356,
272.491

■ 49, 52.893,
276.970

■ 46, 58.590,
281.609

■ 46, 58.946,
281.876

Harmonies

Complementary

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



75, 12.375, 255.386



77, 13.125, 70.328

Rectangle

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



75, 12.375, 255.386



75, 12.375, 305.386



75, 12.375, 75.386



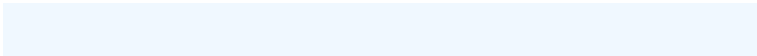
75, 12.375, 125.386

Sweetspot

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



75, 12.374, 255.379



97, 4.594, 253.507



80, 18.540, 160.259



51, 3.046, 253.583



0, 0.000, 0.000



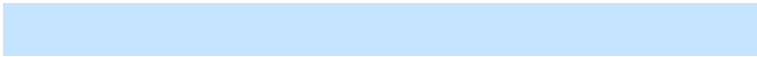
53, 0.007, 296.813

Same Dimension

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



75, 12.374, 255.379



89, 17.372, 256.033



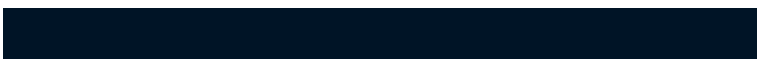
70, 21.214, 291.040



41, 3.614, 253.913



37, 49.351, 281.089



6, 14.679, 268.828

Inverse Universe

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



72, 18.824, 343.963



85, 26.589, 344.341



82, 20.350, 106.895



40, 5.402, 343.047



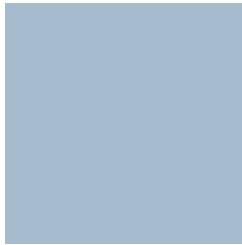
36, 61.749, 359.287



4, 20.182, 351.956

Previews

White Background



This preview shows how the CIELCh color 75, 12.375, 255.386 looks on a white background.

Color Contrast Check

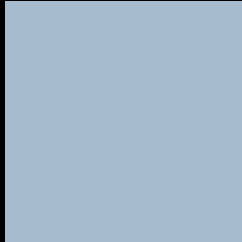
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 12.375, 255.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

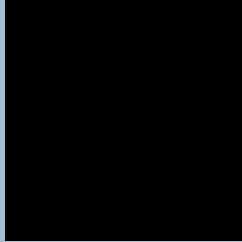
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

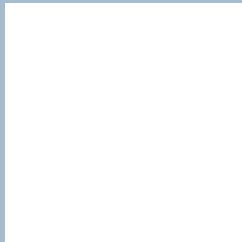
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 12.375, 255.386

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.375, 255.386.



This preview shows how white text looks on a background with the CIELCh color 75, 12.375, 255.386.

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, 10.964, 246.823

Trichromacy



Original Color
75, 12.375, 255.386

Protanomaly
75, 11.179, 274.827

Deuteranomaly
75, 12.969, 289.846

Tritanomaly
75, 11.344, 248.828

Monochromacy



Original Color
75, 12.375, 255.386

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 4.308, 248.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.375, 255.386 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, 187, 206)` looks like.

```
.text, #text, p{  
    color:rgb(166, 187, 206)  
}
```

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, 187, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 187, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.375, 255.386 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, 187, 206) }
```

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

```
.border{ border-color:rgb(166, 187, 206) }
```

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

Here you see how a box with a 4 pixel rgb(166, 187, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 187, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 187, 206);  
box-shadow:4px 4px 4px 4px rgb(166, 187,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.375, 255.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 187, 206) }
```

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

```
.background{ background-color: rgb(166,  
187, 206) }
```

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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