

Converting Colors

CIELCh(75, 11.847, 287.471)

Have a look what the booklet for
CIELCh(75, 11.847, 287.471)
contains.

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Color

CIELCh(75, 11.899, 287.906)

Conversions

Conversions Part 1

Format	Color
Hex	B5B7CD
RGB	181, 183, 205
RGB Percent	71%, 72%, 80%
CMY	0.2890, 0.2811, 0.1948
CMYK	0.12, 0.11, 0.00, 0.19
HSL	235°, 19%, 76%
HSV	235°, 12%, 81%
XYZ	47.1829, 48.2781, 64.7883
YIQ	184.9100, -8.2540, 6.4180

Conversions

Conversions Part 2

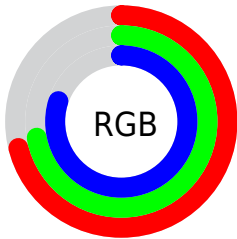
Format	Color
R _Y B	181, 183, 205
Decimal	11909069
CIE Lab	75.00, 3.66, -11.32
CIE LCh	75, 11.899, 287.906
Yxy	48.2781, 0.2944, 0.3013
Android (android.graphics.Color)	4290099149 (0xFFB5B7CD)
YUV	184.9100, 9.9044, -3.4291
Hunter-Lab	69.4824, -0.3818, -6.6467

Details

The CIELCh color $75, 11.899, 287.906$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 11.637, 105.387$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.249, 286.057$, and $55, 12.089, 288.136$ is the 20% darker color. If you saturate the color by 10%, you get $69, 22.481, 289.218$, and if you desaturate by 10%, it is $81, 1.699, 286.827$.

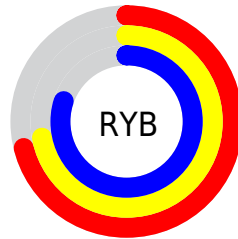
Distribution



Red (71%)

Green (72%)

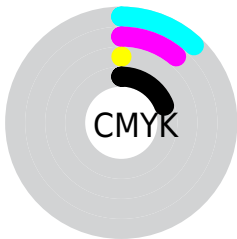
Blue (80%)



Red (71%)

Yellow (72%)

Blue (80%)

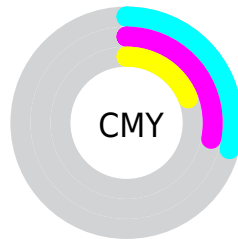


Cyan (12%)

Magenta (11%)

Yellow (0%)

Black (19%)



Cyan (29%)

Magenta (28%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 11.899, 287.906 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, 11.899, 287.906 by changing the saturation by 10% instead.

■ 75, 11.899,
287.906

■ 75, 11.899,
287.906

■ 100, 11.899,
287.906

■ 65, 11.899,
287.906

■ 95, 11.899,
287.906

■ 55, 11.899,
287.906

■ 45, 11.899,
287.906

■ 35, 11.899,
287.906

■ 25, 11.899,
287.906

■ 15, 11.899,
287.906

■ 5, 11.899, 287.906

0, 11.899, 287.906

75, 11.899,
287.906

75, 11.899,
287.906

69, 22.481,
289.218

81, 1.699, 286.827

62, 33.483,
290.766

88, 8.143, 105.795

56, 44.934,
292.574

94, 17.655,
104.978

49, 56.843,
294.658

99, 25.077,
108.275

43, 69.150,
296.994

37, 81.599,
299.491

■ 32, 93.540,
301.953

■ 28, 103.739,
304.083

■ 26, 109.804,
305.335

Harmonies

Complementary

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



75, 11.899, 287.906



81, 11.637, 105.387

Rectangle

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



75, 11.899, 287.906



75, 11.899, 337.906



75, 11.899, 107.906



75, 11.899, 157.906

Sweetspot

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



75, 11.897, 287.901



97, 4.794, 287.042



81, 8.649, 190.313



51, 3.410, 287.121



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, 11.897, 287.901



89, 17.061, 288.208



75, 13.470, 306.093



40, 5.719, 287.629



20, 92.924, 305.116



2, 22.162, 290.352

Inverse Universe

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



76, 9.164, 13.410



90, 13.193, 13.656



81, 13.208, 124.933



40, 4.388, 13.188



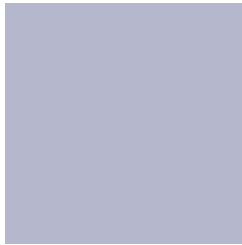
34, 72.224, 36.305



4, 17.974, 15.301

Previews

White Background



This preview shows how the CIELCh color 75, 11.899, 287.906 looks on a white background.

Color Contrast Check

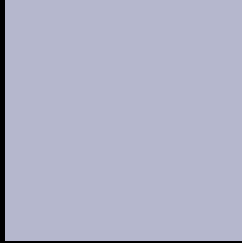
Large Text (above 18pt) WCAG AA × Fail

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, 11.899, 287.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

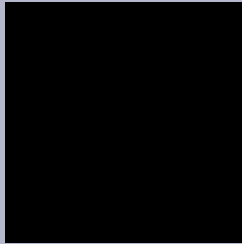
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 11.899, 287.906

Background



This preview shows how black text looks on a background with the CIELCh color 75, 11.899, 287.906.



This preview shows how white text looks on a background with the CIELCh color 75, 11.899, 287.906.

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, 11.899, 287.906

Protanopia

75, 11.890, 289.599

Deuteranopia

75, 14.760, 308.303



Tritanopia
75, 8.203, 280.928

Trichromacy



Original Color
75, 11.899, 287.906

Protanomaly
75, 11.890, 289.599

Deuteranomaly
75, 13.790, 301.804

Tritanomaly
75, 9.266, 282.229

Monochromacy



Original Color
75, 11.899, 287.906

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.325, 290.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 11.899, 287.906 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(181, 183, 205)` looks like.

```
.text, #text, p{  
    color:rgb(181, 183, 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(181, 183, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 183, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 11.899, 287.906 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(181, 183, 205) }
```

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

```
.border{ border-color:rgb(181, 183, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 183, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 183, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 183, 205);  
box-shadow:4px 4px 4px 4px rgb(181, 183,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 11.899, 287.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 183, 205) }
```

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

```
.background{ background-color: rgb(181,  
183, 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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