

Converting Colors

CIELCh(77, 11.469, 292.487)

Have a look what the booklet for
CIELCh(77, 11.469, 292.487)
contains.

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Color

CIELCh(77, 11.842, 292.973)

Conversions

Conversions Part 1

Format	Color
Hex	BDBCD2
RGB	189, 188, 210
RGB Percent	74%, 74%, 82%
CMY	0.2582, 0.2621, 0.1758
CMYK	0.10, 0.10, 0.00, 0.18
HSL	243°, 20%, 78%
HSV	243°, 10%, 82%
XYZ	50.6932, 51.5317, 68.3508
YIQ	190.8070, -6.4660, 7.0540

Conversions

Conversions Part 2

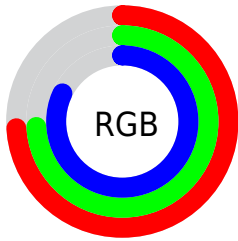
Format	Color
RYB	189, 188, 210
Decimal	12434642
CIELab	77.00, 4.62, -10.90
CIELCh	77, 11.842, 292.973
Yxy	51.5317, 0.2972, 0.3021
Android (android.graphics.Color)	4290624722 (0xFFBDBC2)
YUV	190.8070, 9.4621, -1.5847
Hunter-Lab	71.7856, 0.4273, -6.2032

Details

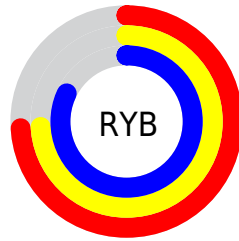
The CIELCh color $77, 11.842, 292.973$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 11.557, 111.029$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 5.656, 294.123$, and $57, 12.009, 293.339$ is the 20% darker color. If you saturate the color by 10%, you get $70, 23.621, 294.095$, and if you desaturate by 10%, it is $84, 0.529, 292.097$.

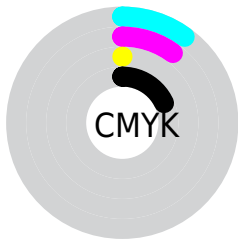
Distribution



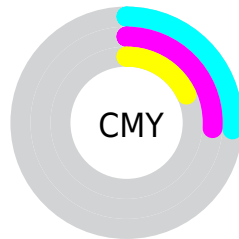
- Red (74%)
- Green (74%)
- Blue (82%)



- Red (74%)
- Yellow (74%)
- Blue (82%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 11.842, 292.973 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 77, 11.842, 292.973 by changing the saturation by 10% instead.

■ 77, 11.842,
292.973

■ 77, 11.842,
292.973

■ 100, 11.842,
292.973

■ 67, 11.842,
292.973

■ 97, 11.842,
292.973

■ 57, 11.842,
292.973

■ 47, 11.842,
292.973

■ 37, 11.842,
292.973

■ 27, 11.842,
292.973

■ 17, 11.842,
292.973

■ 7, 11.842, 292.973

0, 11.842, 292.973

77, 11.842,
292.973

77, 11.842,
292.973

70, 23.621,
294.095

84, 0.529, 292.097

63, 35.903,
295.416

91, 10.346,
111.182

56, 48.702,
296.949

98, 20.818,
110.488

49, 61.984,
298.695

99, 22.649,
108.461

43, 75.573,
300.613

37, 88.982,
302.584

■ 32, 101.147,
304.383

■ 28, 110.346,
305.697

■ 26, 115.437,
306.401

Harmonies

Complementary

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



77, 11.842, 292.973



84, 11.557, 111.029

Rectangle

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



77, 11.842, 292.973



77, 11.842, 342.973



77, 11.842, 112.973



77, 11.842, 162.973

Sweetspot

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



77, 11.840, 292.969



98, 3.919, 292.250



82, 7.509, 201.906



52, 2.974, 292.323



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 11.840, 292.969



89, 17.292, 293.252



78, 12.584, 310.670



40, 6.378, 292.860



20, 97.788, 306.437



2, 25.589, 294.367

Inverse Universe

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



79, 13.828, 326.242



92, 20.117, 326.396



83, 12.411, 129.782



41, 7.460, 326.180



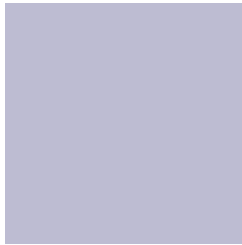
39, 81.723, 330.107



6, 30.060, 329.330

Previews

White Background



This preview shows how the CIELCh color 77, 11.842, 292.973 looks on a white background.

Color Contrast Check

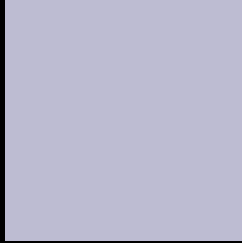
Large Text (above 18pt) WCAG AA × Fail

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 77, 11.842, 292.973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

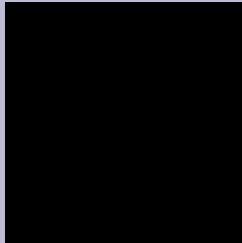
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 11.842, 292.973

Background



This preview shows how black text looks on a background with the CIELCh color 77, 11.842, 292.973.

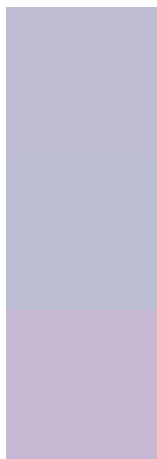


This preview shows how white text looks on a background with the CIELCh color 77, 11.842, 292.973.

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

77, 11.842, 292.973

Protanopia

77, 11.293, 287.650

Deuteranopia

77, 14.913, 310.931



Tritanopia
77, 8.065, 288.393

Trichromacy



Original Color
77, 11.842, 292.973

Protanomaly
77, 11.283, 289.431

Deuteranomaly
77, 13.873, 304.677

Tritanomaly
77, 9.137, 288.798

Monochromacy



Original Color
77, 11.842, 292.973

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.300, 290.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 11.842, 292.973 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(189, 188, 210)` looks like.

```
.text, #text, p{  
    color:rgb(189, 188, 210)  
}
```

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(189, 188, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 188, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 11.842, 292.973 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(189, 188, 210) }
```

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

```
.border{ border-color:rgb(189, 188, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 188, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 188, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 188, 210);  
box-shadow:4px 4px 4px 4px rgb(189, 188,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 11.842, 292.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 188, 210) }
```

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

```
.background{ background-color: rgb(189,  
188, 210) }
```

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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