

Converting Colors

CIELCh(75, 7.637, 289.443)

Have a look what the booklet for
CIELCh(75, 7.637, 289.443) contains.

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Color

CIELCh(75, 7.566, 288.177)

Conversions

Conversions Part 1

Format	Color
Hex	B7B8C6
RGB	183, 184, 198
RGB Percent	72%, 72%, 78%
CMY	0.2833, 0.2794, 0.2245
CMYK	0.08, 0.07, 0.00, 0.22
HSL	236°, 12%, 75%
HSV	236°, 8%, 78%
XYZ	46.7202, 48.2781, 60.1280
YIQ	185.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

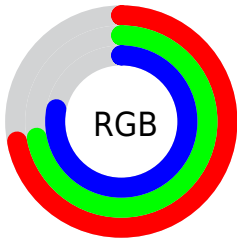
Format	Color
R_{YB}	183, 184, 198
Decimal	12040390
CIE Lab	75.00, 2.36, -7.19
CIE LCh	75, 7.566, 288.177
Yxy	48.2781, 0.3012, 0.3112
Android (android.graphics.Color)	4290230470 (0xFFB7B8C6)
YUV	185.2970, 6.2626, -2.0145
Hunter-Lab	69.4824, -1.5703, -2.6700

Details

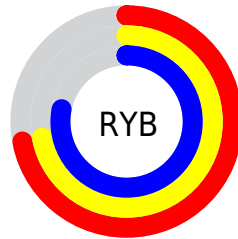
The CIELCh color $75, 7.566, 288.177$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 7.444, 106.581$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.713, 288.230$, and $55, 7.476, 288.180$ is the 20% darker color. If you saturate the color by 10%, you get $69, 17.859, 289.380$, and if you desaturate by 10%, it is $81, 2.354, 107.081$.

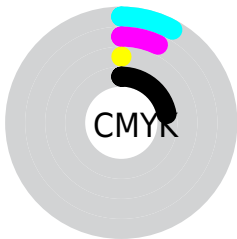
Distribution



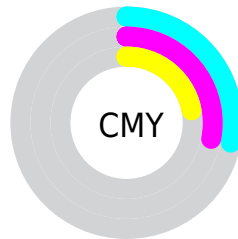
- Red (72%)
- Green (72%)
- Blue (78%)



- Red (72%)
- Yellow (72%)
- Blue (78%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.566, 288.177 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, 7.566, 288.177 by changing the saturation by 10% instead.

■ 75, 7.566, 288.177

■ 75, 7.566, 288.177

■ 100, 7.566,
288.177

■ 65, 7.566, 288.177

■ 95, 7.566, 288.177

■ 55, 7.566, 288.177

■ 45, 7.566, 288.177

■ 35, 7.566, 288.177

■ 25, 7.566, 288.177

■ 15, 7.566, 288.177

■ 5, 7.566, 288.177

■ 0, 7.566, 288.177

■ 75, 7.566, 288.177

■ 75, 7.566, 288.177

69, 17.859,
289.380

81, 2.354, 107.081

62, 28.561,
290.809

88, 11.925,
106.225

56, 39.702,
292.484

94, 21.173,
105.467

50, 51.301,
294.425

99, 28.859,
107.985

44, 63.325,
296.626

38, 75.596,
299.022

32, 87.610,
301.454

28, 98.316,
303.652

25, 106.177,

Harmonies

Complementary

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



75, 7.566, 288.177



79, 7.444, 106.581

Rectangle

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



75, 7.566, 288.177



75, 7.566, 338.177



75, 7.566, 108.177



75, 7.566, 158.177

Sweetspot

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



75, 7.564, 288.169



98, 2.436, 287.605



79, 5.461, 192.048



53, 1.385, 287.597



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, 7.564, 288.169



93, 11.064, 288.343



75, 8.445, 306.464



39, 5.701, 288.372



20, 92.653, 305.355



2, 20.495, 290.009

Inverse Universe

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



76, 5.673, 14.345



94, 8.321, 14.491



79, 8.332, 125.756



39, 4.289, 14.514



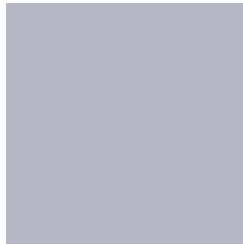
34, 72.015, 37.010



3, 15.927, 15.940

Previews

White Background



This preview shows how the CIELCh color 75, 7.566, 288.177 looks on a white background.

Color Contrast Check

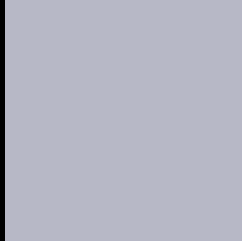
Large Text (above 18pt) WCAG AA × Fail

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, 7.566, 288.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

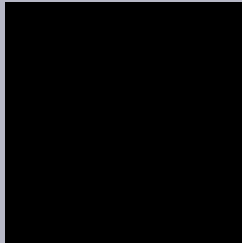
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

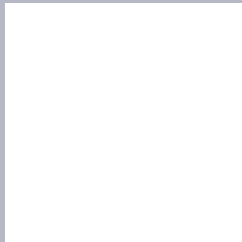
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 7.566, 288.177

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.566, 288.177.

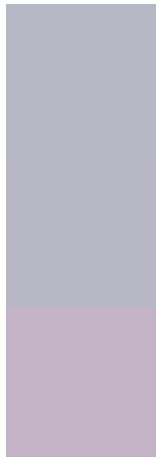


This preview shows how white text looks on a background with the CIELCh color 75, 7.566, 288.177.

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, 7.566, 288.177

Protanopia

75, 8.124, 293.484

Deuteranopia

75, 12.516, 320.728



Tritanopia
75, 7.566, 288.177

Trichromacy



Original Color
75, 7.566, 288.177

Protanomaly
75, 8.124, 293.484

Deuteranomaly
75, 10.431, 311.357

Tritanomaly
75, 7.566, 288.177

Monochromacy



Original Color
75, 7.566, 288.177

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.723, 282.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 7.566, 288.177 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(183, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(183, 184, 198)  
}
```

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(183, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 184, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.566, 288.177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

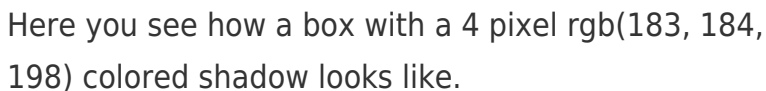
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 184, 198) }
```

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

```
.border{ border-color:rgb(183, 184, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 184, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 184, 198); box-shadow:4px 4px 4px 4px rgb(183, 184, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.566, 288.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 184, 198) }
```

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

```
.background{ background-color: rgb(183,  
184, 198) }
```

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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