

Converting Colors

CIELCh(75, 3.663, 284.905)

Have a look what the booklet for
CIELCh(75, 3.663, 284.905) contains.

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Color

CIELCh(75, 3.798, 285.040)

Conversions

Conversions Part 1

Format	Color
Hex	B7B8BF
RGB	183, 184, 191
RGB Percent	72%, 72%, 75%
CMY	0.2812, 0.2773, 0.2498
CMYK	0.04, 0.04, 0.00, 0.25
HSL	232°, 6%, 73%
HSV	232°, 4%, 75%
XYZ	46.2336, 48.2781, 56.3402
YIQ	184.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

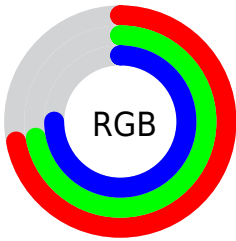
Format	Color
RYB	183, 184, 191
Decimal	12040383
CIELab	75.00, 0.99, -3.67
CIELCh	75, 3.798, 285.040
Yxy	48.2781, 0.3065, 0.3200
Android (android.graphics.Color)	4290230463 (0xFFB7B8BF)
YUV	184.4990, 3.2050, -1.3146
Hunter-Lab	69.4824, -2.8203, 0.5621

Details

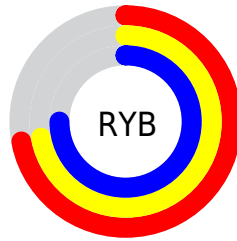
The CIELCh color $75, 3.798, 285.040$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 3.756, 104.074$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 3.616, 284.949$, and $55, 4.039, 285.196$ is the 20% darker color. If you saturate the color by 10%, you get $69, 13.068, 286.200$, and if you desaturate by 10%, it is $81, 5.171, 103.941$.

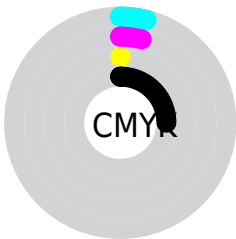
Distribution



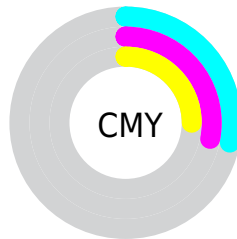
- Red (72%)
- Green (72%)
- Blue (75%)



- Red (72%)
- Yellow (72%)
- Blue (75%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (28%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 3.798, 285.040 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, 3.798, 285.040 by changing the saturation by 10% instead.

■ 75, 3.798, 285.040

■ 75, 3.798, 285.040

100, 3.798,
285.040

■ 65, 3.798, 285.040

■ 95, 3.798, 285.040

■ 55, 3.798, 285.040

■ 45, 3.798, 285.040

■ 35, 3.798, 285.040

■ 25, 3.798, 285.040

■ 15, 3.798, 285.040

■ 5, 3.798, 285.040

■ 0, 3.798, 285.040

■ 75, 3.798, 285.040

■ 75, 3.798, 285.040

69, 13.068,
286.200

81, 5.171, 103.941

63, 22.669,
287.602

87, 13.855,
103.070

57, 32.628,
289.246

92, 22.273,
102.309

51, 42.973,
291.161

98, 30.298,
105.116

46, 53.720,
293.363

99, 32.068,
107.737

40, 64.825,
295.830

35, 76.097,
298.472

30, 87.026,
301.104

27, 96.627,

Harmonies

Complementary

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



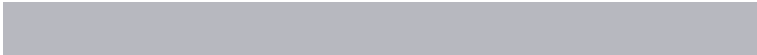
75, 3.798, 285.040



77, 3.756, 104.074

Rectangle

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



75, 3.798, 285.040



75, 3.798, 335.040



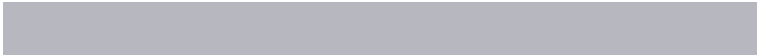
75, 3.798, 105.040



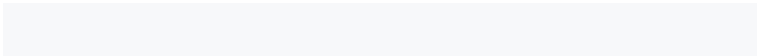
75, 3.798, 155.040

Sweetspot

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



75, 3.796, 285.021



98, 1.130, 284.772



77, 2.989, 188.293



52, 0.643, 284.773



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 3.796, 285.021



95, 5.643, 285.116



75, 4.474, 304.480



39, 3.125, 285.175



20, 88.098, 304.252



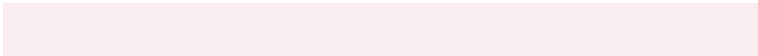
2, 17.755, 287.567

Inverse Universe

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



75, 3.045, 9.279



95, 4.534, 9.386



77, 4.427, 124.087



39, 2.513, 9.447



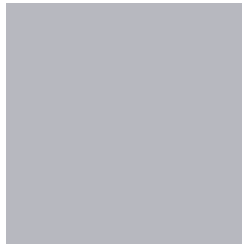
33, 68.694, 33.913



3, 14.122, 12.590

Previews

White Background



This preview shows how the CIE LCh color 75, 3.798, 285.040 looks on a white background.

Color Contrast Check

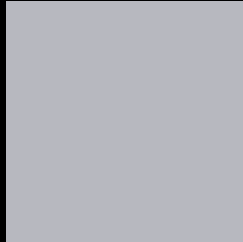
Large Text (above 18pt) WCAG AA × Fail

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, 3.798, 285.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

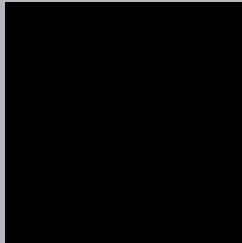
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

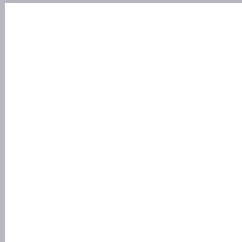
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 3.798, 285.040

Background



This preview shows how black text looks on a background with the CIELCh color 75, 3.798, 285.040.

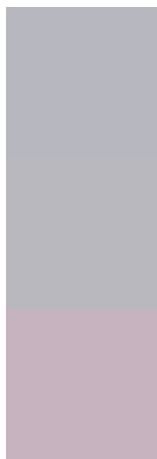


This preview shows how white text looks on a background with the CIELCh color 75, 3.798, 285.040.

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, 3.798, 285.040

Protanopia

75, 3.865, 301.466

Deuteranopia

75, 10.242, 337.065



Tritanopia
75, 8.124, 293.484

Trichromacy



Original Color

75, 3.798, 285.040

Protanomaly

75, 3.808, 296.059

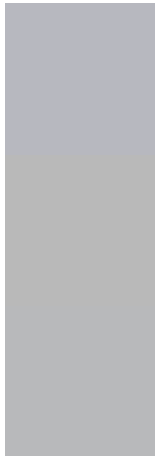
Deuteranomaly

75, 7.447, 327.088

Tritanomaly

75, 7.045, 293.786

Monochromacy



Original Color

75, 3.798, 285.040

Achromatopsia

75, 0.009, 296.813

Achromatomaly

75, 1.142, 271.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 3.798, 285.040 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(183, 184, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 184, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 3.798, 285.040 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, 191) }
```

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

```
.border{ border-color:rgb(183, 184, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 184, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 184, 191);  
box-shadow:4px 4px 4px 4px rgb(183, 184,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 3.798, 285.040 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, 191) }
```

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

```
.background{ background-color: rgb(183,  
184, 191) }
```

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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