

Converting Colors

CIELCh(75, 4.206, 300.151)

Have a look what the booklet for
CIELCh(75, 4.206, 300.151) contains.

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Color

CIELCh(75, 3.865, 301.466)

Conversions

Conversions Part 1

Format	Color
Hex	BAB8BF
RGB	186, 184, 191
RGB Percent	73%, 72%, 75%
CMY	0.2720, 0.2798, 0.2524
CMYK	0.03, 0.04, 0.00, 0.25
HSL	257°, 5%, 73%
HSV	257°, 4%, 75%
XYZ	46.5986, 48.2781, 55.9503
YIQ	185.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

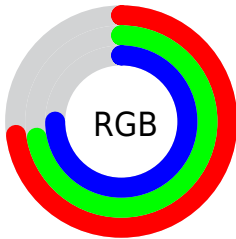
Format	Color
RYB	186, 184, 191
Decimal	12236991
CIELab	75.00, 2.02, -3.30
CIELCh	75, 3.865, 301.466
Yxy	48.2781, 0.3090, 0.3201
Android (android.graphics.Color)	4290427071 (0xFFBAB8BF)
YUV	185.3960, 2.7628, 0.5297
Hunter-Lab	69.4824, -1.8828, 0.8948

Details

The CIELCh color $75, 3.865, 301.466$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 3.820, 121.053$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 3.680, 301.416$, and $55, 4.111, 301.545$ is the 20% darker color. If you saturate the color by 10%, you get $69, 14.631, 302.100$, and if you desaturate by 10%, it is $81, 6.524, 120.915$.

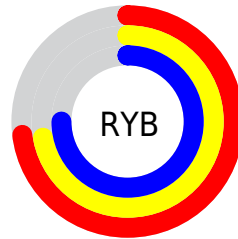
Distribution



Red (73%)

Green (72%)

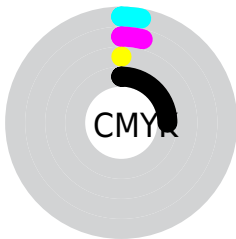
Blue (75%)



Red (73%)

Yellow (72%)

Blue (75%)

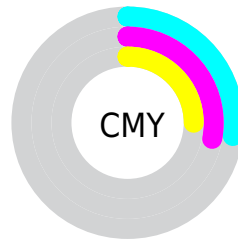


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (28%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 3.865, 301.466 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, 3.865, 301.466 by changing the saturation by 10% instead.

■ 75, 3.865, 301.466

■ 75, 3.865, 301.466

■ 100, 3.865,
301.466

■ 65, 3.865, 301.466

■ 95, 3.865, 301.466

■ 55, 3.865, 301.466

■ 45, 3.865, 301.466

■ 35, 3.865, 301.466

■ 25, 3.865, 301.466

■ 15, 3.865, 301.466

■ 5, 3.865, 301.466

■ 0, 3.865, 301.466

■ 75, 3.865, 301.466

■ 75, 3.865, 301.466

69, 14.631,
302.100

81, 6.524, 120.915

63, 25.787,
302.828

87, 16.547,
120.429

57, 37.319,
303.644

93, 26.226,
120.011

51, 49.176,
304.542

98, 32.928,
117.521

45, 61.225,
305.497

99, 32.393,
108.542

40, 73.179,
306.458

99, 32.387,
107.713

34, 84.497,
307.326

30, 94.280,
307.951

27, 101.373,

Harmonies

Complementary

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



75, 3.865, 301.466



77, 3.820, 121.053

Rectangle

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



75, 3.865, 301.466



75, 3.865, 351.466



75, 3.865, 121.466



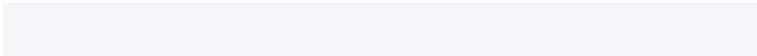
75, 3.865, 171.466

Sweetspot

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



75, 3.863, 301.454



97, 1.303, 301.271



76, 2.107, 229.957



52, 0.747, 301.266



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, 3.863, 301.454



94, 5.207, 301.479



75, 4.306, 318.423



38, 2.963, 301.517



20, 90.942, 308.247



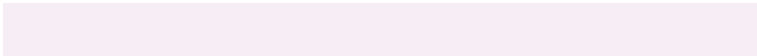
1, 17.647, 298.537

Inverse Universe

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



75, 3.763, 333.860



95, 5.070, 333.894



77, 4.282, 138.198



39, 2.884, 333.945



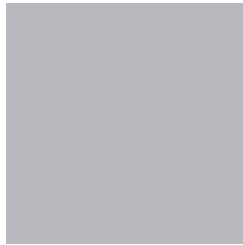
35, 65.335, 343.581



3, 16.286, 338.961

Previews

White Background



This preview shows how the CIELCh color 75, 3.865, 301.466 looks on a white background.

Color Contrast Check

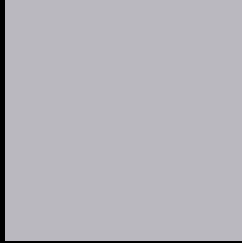
Large Text (above 18pt) WCAG AA × Fail

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, 3.865, 301.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

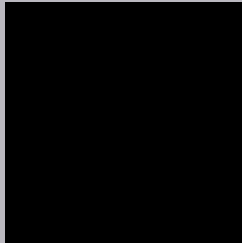
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

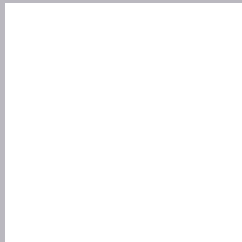
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 3.865, 301.466

Background



This preview shows how black text looks on a background with the CIELCh color 75, 3.865, 301.466.

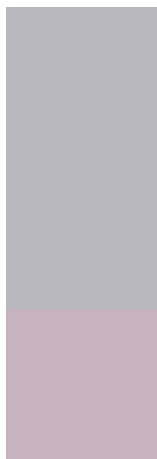


This preview shows how white text looks on a background with the CIELCh color 75, 3.865, 301.466.

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, 3.865, 301.466

Protanopia

75, 3.865, 301.466

Deuteranopia

75, 10.242, 337.065



Tritanopia
75, 7.726, 301.682

Trichromacy



Original Color
75, 3.865, 301.466

Protanomaly
75, 3.865, 301.466

Deuteranomaly
75, 7.674, 329.328

Tritanomaly
75, 6.669, 303.375

Monochromacy



Original Color
75, 3.865, 301.466

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.087, 290.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 3.865, 301.466 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(186, 184, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 184, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 184, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 3.865, 301.466 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(186, 184, 191) }
```

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

```
.border{ border-color:rgb(186, 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(186, 184, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 184, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 184, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 184,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 3.865, 301.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 184, 191) }
```

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

```
.background{ background-color: rgb(186,  
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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