

Converting Colors

CIELCh(75, 3.122, 163.462)

Have a look what the booklet for
CIELCh(75, 3.122, 163.462) contains.

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Color

CIELCh(75, 3.067, 167.501)

Conversions

Conversions Part 1

Format	Color
Hex	B3BAB7
RGB	179, 186, 183
RGB Percent	70%, 73%, 72%
CMY	0.2970, 0.2695, 0.2813
CMYK	0.04, 0.00, 0.02, 0.27
HSL	154°, 5%, 72%
HSV	154°, 4%, 73%
XYZ	44.8440, 48.2781, 51.9023
YIQ	183.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

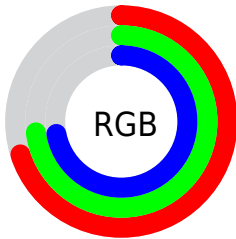
Format	Color
RYB	179, 183, 186
Decimal	11778743
CIELab	75.00, -2.99, 0.66
CIELCh	75, 3.067, 167.501
Yxy	48.2781, 0.3092, 0.3329
Android (android.graphics.Color)	4289968823 (0xFFB3BAB7)
YUV	183.5650, -0.2785, -4.0035
Hunter-Lab	69.4824, -6.3903, 4.3490

Details

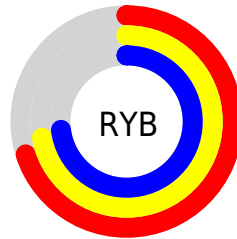
The CIELCh color `75, 3.067, 167.501` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 3.099, 347.864`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 2.917, 167.609`, and `55, 3.263, 167.348` is the 20% darker color. If you saturate the color by 10%, you get `73, 11.226, 166.488`, and if you desaturate by 10%, it is `77, 5.097, 348.100`.

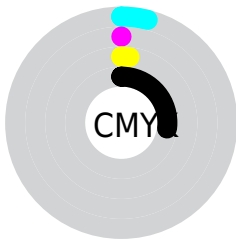
Distribution



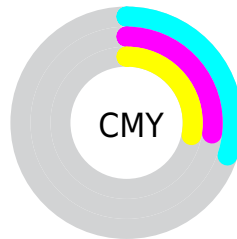
- Red (70%)
- Green (73%)
- Blue (72%)



- Red (70%)
- Yellow (72%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (30%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 3.067, 167.501 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, 3.067, 167.501 by changing the saturation by 10% instead.

■ 75, 3.067, 167.501

■ 75, 3.067, 167.501

■ 100, 3.067,
167.501

■ 65, 3.067, 167.501

■ 95, 3.067, 167.501

■ 55, 3.067, 167.501

■ 45, 3.067, 167.501

■ 35, 3.067, 167.501

■ 25, 3.067, 167.501

■ 15, 3.067, 167.501

■ 5, 3.067, 167.501

■ 0, 3.067, 167.501

■ 75, 3.067, 167.501

■ 75, 3.067, 167.501

73, 11.226,
166.488

77, 5.097, 348.100

72, 19.281,
165.484

78, 13.196,
348.915

71, 27.118,
164.382

80, 21.174,
349.640

70, 34.608,
163.157

82, 28.990,
350.314

69, 41.617,
161.782

83, 31.465,
344.070

68, 48.016,
160.234

83, 33.970,
338.284

68, 53.703,
158.490

83, 36.798,
333.398

67, 58.623,
156.536

84, 39.875,
329.295

67, 62.790,

84, 43.076,
325.917

154.378

Harmonies

Complementary

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



75, 3.067, 167.501



74, 3.099, 347.864

Rectangle

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



75, 3.067, 167.501



75, 3.067, 217.501



75, 3.067, 347.501



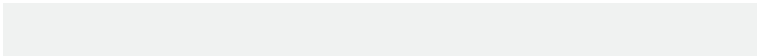
75, 3.067, 37.501

Sweetspot

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



75, 3.069, 167.486



95, 1.005, 168.083



75, 4.062, 131.241



51, 0.576, 168.114



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 3.069, 167.486



95, 5.053, 167.337



75, 2.409, 205.442



39, 2.806, 167.281



57, 57.356, 153.319



9, 15.780, 160.268

Inverse Universe

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



74, 3.099, 347.864



92, 5.108, 348.014



74, 2.466, 25.269



38, 2.838, 348.071



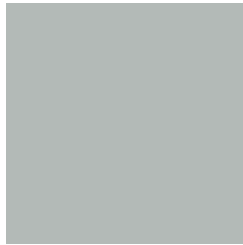
33, 59.088, 8.214



3, 13.458, 355.724

Previews

White Background



This preview shows how the CIELCh color 75, 3.067, 167.501 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, 3.067, 167.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

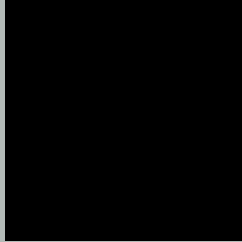
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

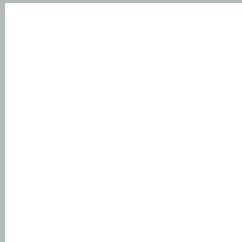
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 3.067, 167.501

Background



This preview shows how black text looks on a background with the CIELCh color 75, 3.067, 167.501.

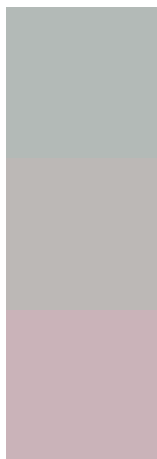


This preview shows how white text looks on a background with the CIELCh color 75, 3.067, 167.501.

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, 3.067, 167.501

Protanopia

75, 1.830, 55.193

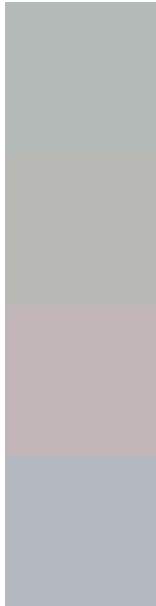
Deuteranopia

75, 9.257, 359.774



Tritanopia
75, 7.585, 285.473

Trichromacy



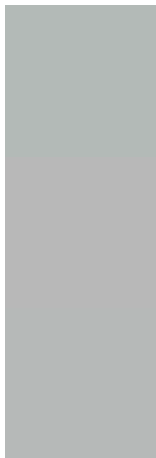
Original Color
75, 3.067, 167.501

Protanomaly
75, 1.607, 109.987

Deuteranomaly
75, 4.635, 6.265

Tritanomaly
75, 4.535, 271.962

Monochromacy



Original Color
75, 3.067, 167.501

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.236, 173.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 3.067, 167.501 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(179, 186, 183)` looks like.

```
.text, #text, p{  
    color:rgb(179, 186, 183)  
}
```

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(179, 186, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 186, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 3.067, 167.501 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(179, 186, 183) }
```

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

```
.border{ border-color:rgb(179, 186, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 186, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 186, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 186, 183); box-shadow:4px 4px 4px 4px rgb(179, 186, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 3.067, 167.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 186, 183) }
```

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

```
.background{ background-color: rgb(179,  
186, 183) }
```

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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