

Converting Colors

CIELCh(77, 2.753, 172.636)

Have a look what the booklet for
CIELCh(77, 2.753, 172.636) contains.

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Color

CIELCh(77, 3.048, 167.515)

Conversions

Conversions Part 1

Format	Color
Hex	B9C0BD
RGB	185, 192, 189
RGB Percent	73%, 75%, 74%
CMY	0.2755, 0.2481, 0.2598
CMYK	0.04, 0.00, 0.02, 0.25
HSL	154°, 5%, 74%
HSV	154°, 4%, 75%
XYZ	47.8966, 51.5317, 55.4204
YIQ	189.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

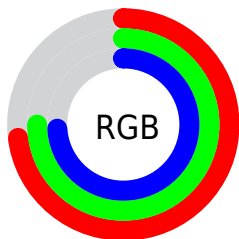
Format	Color
RYB	185, 189, 192
Decimal	12173501
CIELab	77.00, -2.98, 0.66
CIELCh	77, 3.048, 167.515
Yxy	51.5317, 0.3093, 0.3328
Android (android.graphics.Color)	4290363581 (0xFFB9C0BD)
YUV	189.5650, -0.2785, -4.0035
Hunter-Lab	71.7856, -6.5265, 4.4765

Details

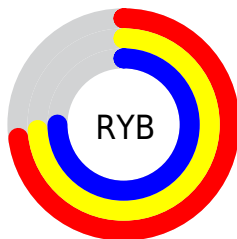
The CIELCh color $77, 3.048, 167.515$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 3.080, 347.852$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 2.904, 167.619$, and $57, 3.237, 167.370$ is the 20% darker color. If you saturate the color by 10%, you get $75, 11.402, 166.497$, and if you desaturate by 10%, it is $79, 5.310, 348.112$.

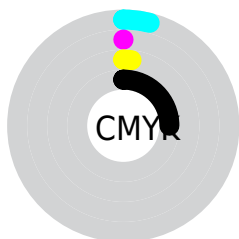
Distribution



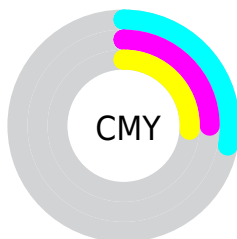
- Red (73%)
- Green (75%)
- Blue (74%)



- Red (73%)
- Yellow (74%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (28%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 3.048, 167.515 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, 3.048, 167.515 by changing the saturation by 10% instead.

■ 77, 3.048, 167.515

■ 77, 3.048, 167.515

■ 100, 3.048,
167.515

■ 67, 3.048, 167.515

■ 97, 3.048, 167.515

■ 57, 3.048, 167.515

■ 47, 3.048, 167.515

■ 37, 3.048, 167.515

■ 27, 3.048, 167.515

■ 17, 3.048, 167.515

■ 7, 3.048, 167.515

■ 0, 3.048, 167.515

■ 77, 3.048, 167.515

■ 77, 3.048, 167.515

75, 11.402,
166.497

79, 5.310, 348.112

74, 19.650,
165.491

81, 13.601,
348.927

73, 27.675,
164.388

83, 21.766,
349.653

72, 35.345,
163.161

84, 27.792,
347.486

71, 42.522,
161.784

84, 30.193,
340.518

70, 49.072,
160.232

84, 33.002,
334.719

69, 54.892,
158.484

85, 36.119,
329.939

69, 59.926,
156.525

85, 39.466,
326.006

69, 64.188,

85, 39.666,
325.801

154.362

Harmonies

Complementary

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



77, 3.048, 167.515



76, 3.080, 347.852

Rectangle

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



77, 3.048, 167.515



77, 3.048, 217.515



77, 3.048, 347.515



77, 3.048, 37.515

Sweetspot

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



77, 3.050, 167.500



98, 1.030, 168.083



77, 4.037, 131.246



52, 0.586, 168.114



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



77, 3.050, 167.500



97, 4.144, 167.450



77, 2.395, 205.451



41, 2.389, 167.380



58, 58.069, 153.287



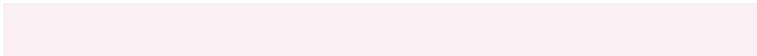
10, 17.493, 159.804

Inverse Universe

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



76, 3.080, 347.852



96, 4.186, 347.902



76, 2.450, 25.259



40, 2.415, 347.973



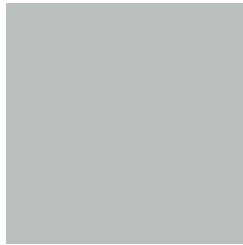
34, 59.789, 8.287



3, 15.282, 356.523

Previews

White Background



This preview shows how the CIELCh color 77, 3.048, 167.515 looks on a white background.

Color Contrast Check

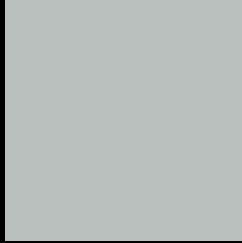
Large Text (above 18pt) WCAG AA × Fail

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 77, 3.048, 167.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

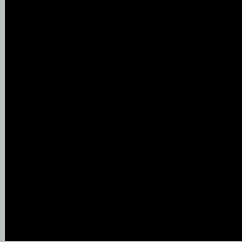
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

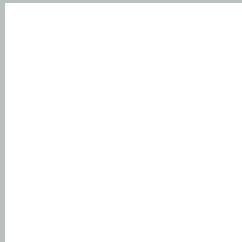
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 3.048, 167.515

Background



This preview shows how black text looks on a background with the CIELCh color 77, 3.048, 167.515.



This preview shows how white text looks on a background with the CIELCh color 77, 3.048, 167.515.

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

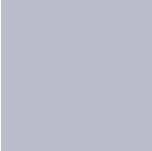
77, 3.048, 167.515

Protanopia

77, 2.136, 49.342

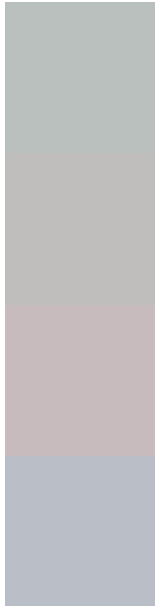
Deuteranopia

77, 9.566, 0.580



Tritanopia
77, 8.082, 285.871

Trichromacy



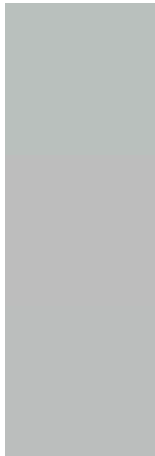
Original Color
77, 3.048, 167.515

Protanomaly
77, 1.122, 90.727

Deuteranomaly
77, 5.116, 1.438

Tritanomaly
77, 4.513, 271.944

Monochromacy



Original Color
77, 3.048, 167.515

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.230, 173.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 3.048, 167.515 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(185, 192, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 192, 189)  
}
```

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(185, 192, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 192, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 3.048, 167.515 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(185, 192, 189) }
```

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

```
.border{ border-color:rgb(185, 192, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 192, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 192, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 192, 189); box-shadow:4px 4px 4px 4px rgb(185, 192, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 3.048, 167.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 192, 189) }
```

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

```
.background{ background-color: rgb(185,  
192, 189) }
```

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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