

Converting Colors

CIELCh(75, 7.024, 313.266)

Have a look what the booklet for
CIELCh(75, 7.024, 313.266) contains.

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Color

CIELCh(75, 7.006, 312.161)

Conversions

Conversions Part 1

Format	Color
Hex	BDB6C2
RGB	189, 182, 194
RGB Percent	74%, 71%, 76%
CMY	0.2581, 0.2855, 0.2385
CMYK	0.03, 0.06, 0.00, 0.24
HSL	275°, 9%, 74%
HSV	275°, 6%, 76%
XYZ	47.5572, 48.2781, 57.9612
YIQ	185.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

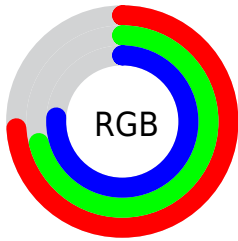
Format	Color
R _{YB}	189, 182, 194
Decimal	12433090
CIE Lab	75.00, 4.70, -5.19
CIE LCh	75, 7.006, 312.161
Yxy	48.2781, 0.3092, 0.3139
Android (android.graphics.Color)	4290623170 (0xFFBDB6C2)
YUV	185.4610, 4.2097, 3.1037
Hunter-Lab	69.4824, 0.5798, -0.8211

Details

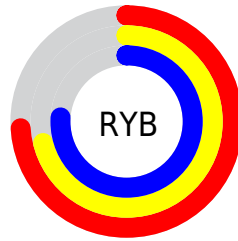
The CIELCh color **75, 7.006, 312.161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 6.943, 131.687**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 6.671, 312.101**, and **55, 6.919, 313.981** is the 20% darker color. If you saturate the color by 10%, you get **69, 18.565, 312.608**, and if you desaturate by 10%, it is **81, 4.256, 131.805**.

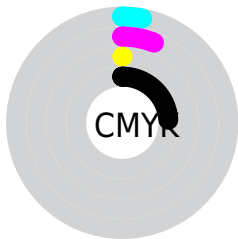
Distribution



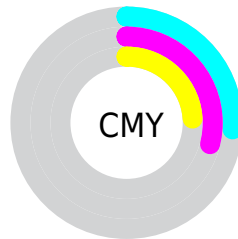
- Red (74%)
- Green (71%)
- Blue (76%)



- Red (74%)
- Yellow (71%)
- Blue (76%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (26%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.006, 312.161 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, 7.006, 312.161 by changing the saturation by 10% instead.

■ 75, 7.006, 312.161

■ 75, 7.006, 312.161

■ 100, 7.006,
312.161

■ 65, 7.006, 312.161

■ 95, 7.006, 312.161

■ 55, 7.006, 312.161

■ 45, 7.006, 312.161

■ 35, 7.006, 312.161

■ 25, 7.006, 312.161

■ 15, 7.006, 312.161

■ 5, 7.006, 312.161

■ 0, 7.006, 312.161

■ 75, 7.006, 312.161

■ 75, 7.006, 312.161

69, 18.565,
312.608

81, 4.256, 131.805

64, 30.375,
313.073

86, 15.194,
131.411

58, 42.335,
313.546

92, 25.803,
131.074

53, 54.268,
314.004

96, 33.244,
129.710

48, 65.887,
314.409

97, 32.191,
124.921

43, 76.749,
314.706

97, 31.384,
119.756

39, 86.246,
314.820

98, 30.856,
114.285

36, 93.659,
314.660

99, 30.635,
108.606

34, 98.425,

99, 30.630,
107.848

Harmonies

Complementary

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



75, 7.006, 312.161



78, 6.943, 131.687

Rectangle

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



75, 7.006, 312.161



75, 7.006, 2.161



75, 7.006, 132.161



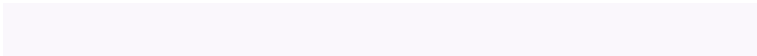
75, 7.006, 182.161

Sweetspot

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



75, 7.004, 312.158



98, 2.797, 311.943



76, 4.091, 263.150



53, 1.603, 311.936



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, 7.004, 312.158



94, 9.830, 312.200



75, 7.523, 326.596



39, 5.141, 312.217



27, 86.689, 314.072



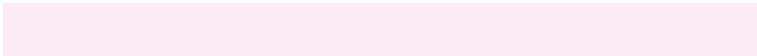
2, 20.550, 308.424

Inverse Universe

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



75, 5.243, 348.854



95, 7.360, 348.950



77, 7.505, 145.960



39, 3.849, 348.989



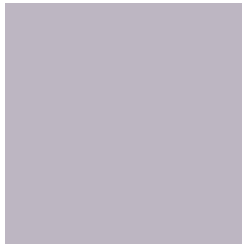
34, 59.845, 9.446



3, 15.203, 357.212

Previews

White Background



This preview shows how the CIELCh color 75, 7.006, 312.161 looks on a white background.

Color Contrast Check

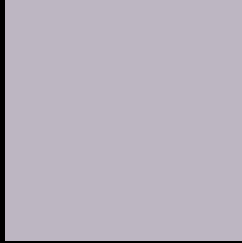
Large Text (above 18pt) WCAG AA × Fail

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, 7.006, 312.161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

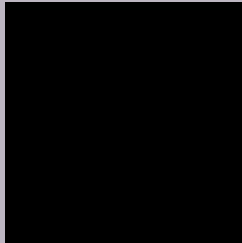
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

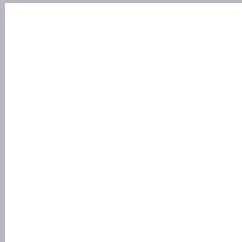
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 7.006, 312.161

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.006, 312.161.

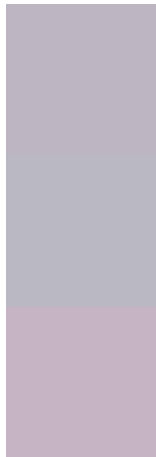


This preview shows how white text looks on a background with the CIELCh color 75, 7.006, 312.161.

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, 7.006, 312.161

Protanopia

75, 5.960, 294.232

Deuteranopia

75, 11.162, 329.648



Tritanopia
75, 8.145, 311.806

Trichromacy



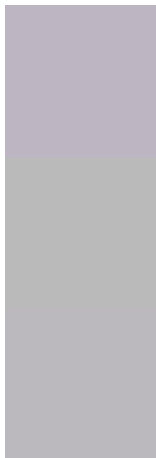
Original Color
75, 7.006, 312.161

Protanomaly
75, 6.669, 303.375

Deuteranomaly
75, 9.844, 324.835

Tritanomaly
75, 7.645, 313.248

Monochromacy



Original Color
75, 7.006, 312.161

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 2.296, 309.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 7.006, 312.161 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(189, 182, 194)` looks like.

```
.text, #text, p{  
    color:rgb(189, 182, 194)  
}
```

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(189, 182, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 182, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.006, 312.161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

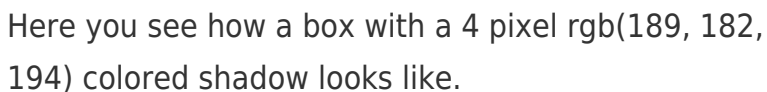
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 182, 194) }
```

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

```
.border{ border-color:rgb(189, 182, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 182, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 182, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 182, 194); box-shadow:4px 4px 4px 4px rgb(189, 182, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.006, 312.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 182, 194) }
```

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

```
.background{ background-color: rgb(189,  
182, 194) }
```

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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