

Converting Colors

CIELCh(75, 18.402, 312.809)

Have a look what the booklet for
CIELCh(75, 18.402, 312.809)
contains.

CIELCh(75, 18.658, 312.918)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 18.658, 312.918)

Conversions

Conversions Part 1

Format	Color
Hex	C5B2D2
RGB	197, 178, 210
RGB Percent	77%, 70%, 82%
CMY	0.2280, 0.3025, 0.1771
CMYK	0.06, 0.15, 0.00, 0.18
HSL	276°, 26%, 76%
HSV	276°, 15%, 82%
XYZ	50.4919, 48.2781, 67.5312
YIQ	187.3290, 1.0520, 13.9800

Conversions

Conversions Part 2

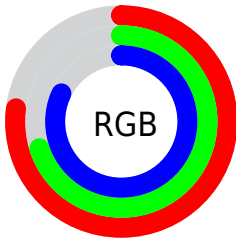
Format	Color
RYB	197, 178, 210
Decimal	12956370
CIELab	75.00, 12.71, -13.66
CIELCh	75, 18.658, 312.918
Yxy	48.2781, 0.3036, 0.2903
Android (android.graphics.Color)	4291146450 (0xFFC5B2D2)
YUV	187.3290, 11.1768, 8.4815
Hunter-Lab	69.4824, 8.1191, -8.9872

Details

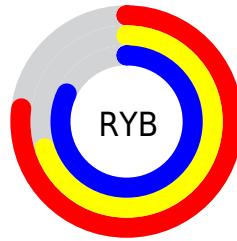
The CIELCh color **75, 18.658, 312.918** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82, 18.350, 131.622**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 12.916, 323.570**, and **55, 18.611, 313.293** is the 20% darker color. If you saturate the color by 10%, you get **69, 31.237, 313.379**, and if you desaturate by 10%, it is **81, 6.342, 312.466**.

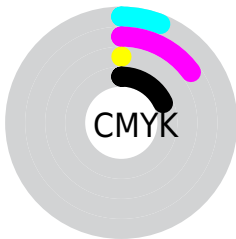
Distribution



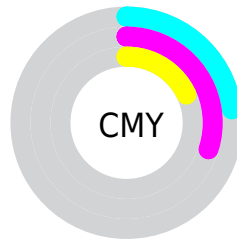
- Red (77%)
- Green (70%)
- Blue (82%)



- Red (77%)
- Yellow (70%)
- Blue (82%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)





- Cyan (23%)
- Magenta (30%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 18.658, 312.918 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, 18.658, 312.918 by changing the saturation by 10% instead.


 75, 18.658,
312.918


 75, 18.658,
312.918


 100, 18.658,
312.918


 65, 18.658,
312.918


 95, 18.658,
312.918

 55, 18.658,
312.918

 45, 18.658,
312.918

 35, 18.658,
312.918

 25, 18.658,
312.918

 15, 18.658,
312.918

 5, 18.658, 312.918

■ 0, 18.658, 312.918

■ 75, 18.658,
312.918

■ 75, 18.658,
312.918

■ 69, 31.237,
313.379

■ 81, 6.342, 312.466

■ 87, 5.650, 132.114

■ 63, 43.978,
313.849

■ 93, 17.298,
131.728

■ 58, 56.696,
314.303

■ 97, 24.579,
129.407

■ 52, 69.084,
314.705

■ 98, 23.586,
122.473

■ 47, 80.678,
315.001

■ 98, 22.978,
114.927

■ 43, 90.831,
315.117

■ 99, 22.804,

■ 40, 98.786, 108.449
314.964

■ 37, 103.905,
314.457

■ 36, 105.667,
314.144

Harmonies

Complementary

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



75, 18.658, 312.918



82, 18.350, 131.622

Rectangle

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



75, 18.658, 312.918



75, 18.658, 2.918



75, 18.658, 132.918



75, 18.658, 182.918

Sweetspot

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



75, 18.656, 312.917



96, 7.080, 312.457



77, 10.935, 266.035



51, 4.834, 312.490



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, 18.656, 312.917



87, 25.890, 313.052



76, 19.640, 327.631



41, 6.874, 312.654



28, 89.545, 314.313



3, 27.371, 311.273

Inverse Universe

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



76, 13.875, 350.422



88, 19.267, 350.736



81, 19.609, 145.818



41, 5.105, 349.826



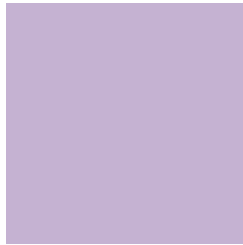
36, 62.026, 10.664



5, 21.037, 359.748

Previews

White Background



This preview shows how the CIELCh color 75, 18.658, 312.918 looks on a white background.

Color Contrast Check

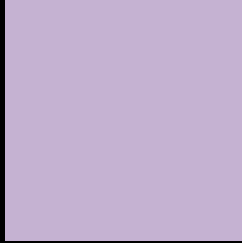
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 18.658, 312.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

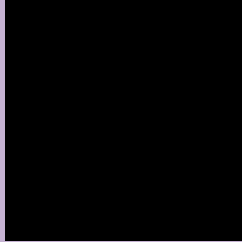
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 18.658, 312.918

Background



This preview shows how black text looks on a background with the CIELCh color 75, 18.658, 312.918.



This preview shows how white text looks on a background with the CIELCh color 75, 18.658, 312.918.

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, 18.658, 312.918

Protanopia

75, 16.240, 286.828

Deuteranopia

75, 16.222, 305.484



Tritanopia
75, 9.643, 323.003

Trichromacy



Original Color
75, 18.658, 312.918

Protanomaly
75, 16.855, 296.482

Deuteranomaly
75, 17.044, 308.570

Tritanomaly
75, 12.815, 318.094

Monochromacy



Original Color
75, 18.658, 312.918

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.495, 313.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 18.658, 312.918 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(197, 178, 210)` looks like.

```
.text, #text, p{  
    color:rgb(197, 178, 210)  
}
```

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(197, 178, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 178, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 18.658, 312.918 is called "border". The border property can be set on classes, ids or directly on the HTML element.

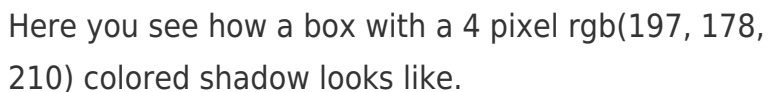
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 178, 210) }
```

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

```
.border{ border-color:rgb(197, 178, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 178, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 178, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 178, 210); box-shadow:4px 4px 4px 4px rgb(197, 178, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 18.658, 312.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 178, 210) }
```

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

```
.background{ background-color: rgb(197,  
178, 210) }
```

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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