

Converting Colors

CIELCh(75, 15.508, 310.289)

Have a look what the booklet for
CIELCh(75, 15.508, 310.289)
contains.

CIELCh(75, 15.508, 310.289)	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, 15.508, 310.289)

Conversions

Conversions Part 1

Format	Color
Hex	C1B3CE
RGB	193, 179, 206
RGB Percent	76%, 70%, 81%
CMY	0.2415, 0.2964, 0.1905
CMYK	0.06, 0.13, 0.00, 0.19
HSL	271°, 22%, 76%
HSV	271°, 13%, 81%
XYZ	49.4971, 48.2781, 65.3756
YIQ	186.2640, -0.3230, 11.3650

Conversions

Conversions Part 2

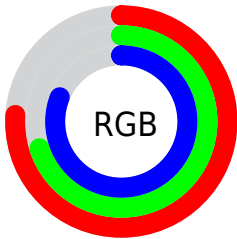
Format	Color
R _Y B	193, 179, 206
Decimal	12694478
CIE Lab	75.00, 10.03, -11.83
CIE LCh	75, 15.508, 310.289
Yxy	48.2781, 0.3034, 0.2959
Android (android.graphics.Color)	4290884558 (0xFFC1B3CE)
YUV	186.2640, 9.7298, 5.9075
Hunter-Lab	69.4824, 5.5635, -7.1479

Details

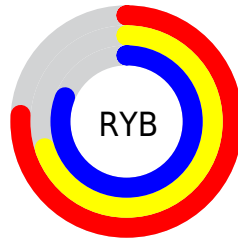
The CIELCh color $75, 15.508, 310.289$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $81, 15.240, 129.144$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 11.593, 317.611$, and $55, 15.820, 309.834$ is the 20% darker color. If you saturate the color by 10%, you get $69, 27.720, 310.780$, and if you desaturate by 10%, it is $81, 3.609, 309.808$.

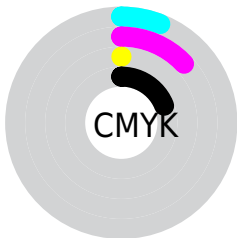
Distribution



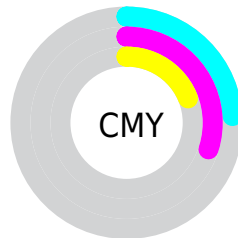
- Red (76%)
- Green (70%)
- Blue (81%)



- Red (76%)
- Yellow (70%)
- Blue (81%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)





- Cyan (24%)
- Magenta (30%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 15.508, 310.289 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, 15.508, 310.289 by changing the saturation by 10% instead.

 75, 15.508,
310.289


 75, 15.508,
310.289


 100, 15.508,
310.289


 65, 15.508,
310.289


 95, 15.508,
310.289

 55, 15.508,
310.289

 45, 15.508,
310.289

 35, 15.508,
310.289

 25, 15.508,
310.289

 15, 15.508,
310.289

 5, 15.508, 310.289

■ 0, 15.508, 310.289

■ 75, 15.508,
310.289

■ 75, 15.508,
310.289

■ 69, 27.720,
310.780

■ 81, 3.609, 309.808

■ 87, 7.942, 129.450

■ 63, 40.181,
311.298

■ 93, 19.138,
129.073

■ 57, 52.758,
311.822

■ 97, 25.920,
126.364

■ 52, 65.213,
312.321

■ 98, 24.963,
118.485

■ 46, 77.153,
312.741

■ 99, 24.535,
110.009

■ 42, 87.986,
313.007

■ 99, 24.519,

■ 38, 96.922,
313.016

108.318

■ 35, 103.156,
312.660

■ 33, 106.069,
312.242

Harmonies

Complementary

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



75, 15.508, 310.289



81, 15.240, 129.144

Rectangle

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



75, 15.508, 310.289



75, 15.508, 0.289



75, 15.508, 130.289



75, 15.508, 180.289

Sweetspot

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



75, 15.506, 310.287



97, 5.562, 309.859



77, 8.685, 259.015



51, 3.956, 309.896



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, 15.506, 310.287



89, 22.605, 310.438



76, 17.391, 325.592



40, 6.625, 310.113



26, 89.953, 312.418



3, 24.634, 307.341

Inverse Universe

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



76, 12.274, 345.756



90, 17.881, 346.055



80, 17.370, 144.106



40, 5.247, 345.408



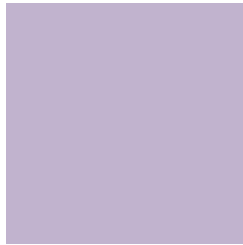
35, 61.268, 3.367



4, 19.741, 354.678

Previews

White Background



This preview shows how the CIELCh color 75, 15.508, 310.289 looks on a white background.

Color Contrast Check

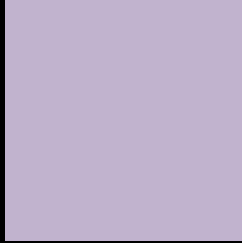
Large Text (above 18pt) WCAG AA × Fail

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, 15.508, 310.289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

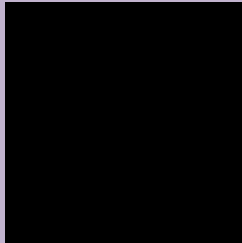
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 15.508, 310.289

Background



This preview shows how black text looks on a background with the CIELCh color 75, 15.508, 310.289.



This preview shows how white text looks on a background with the CIELCh color 75, 15.508, 310.289.

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, 15.508, 310.289

Protanopia

75, 14.054, 288.652

Deuteranopia

75, 14.760, 308.303



Tritanopia
75, 9.093, 317.079

Trichromacy



Original Color
75, 15.508, 310.289

Protanomaly
75, 14.152, 297.201

Deuteranomaly
75, 14.869, 309.632

Tritanomaly
75, 11.851, 314.530

Monochromacy



Original Color
75, 15.508, 310.289

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 5.725, 309.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 15.508, 310.289 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(193, 179, 206)` looks like.

```
.text, #text, p{  
    color:rgb(193, 179, 206)  
}
```

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(193, 179, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 179, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 15.508, 310.289 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(193, 179, 206) }
```

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

```
.border{ border-color:rgb(193, 179, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 179, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 179, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 179, 206);  
box-shadow:4px 4px 4px 4px rgb(193, 179,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 15.508, 310.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 179, 206) }
```

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

```
.background{ background-color: rgb(193,  
179, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor