

Converting Colors

CIELCh(75, 16.091, 313.949)

Have a look what the booklet for
CIELCh(75, 16.091, 313.949)
contains.

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Color

CIELCh(75, 15.889, 314.003)

Conversions

Conversions Part 1

Format	Color
Hex	C4B3CE
RGB	196, 179, 206
RGB Percent	77%, 70%, 81%
CMY	0.2324, 0.2991, 0.1932
CMYK	0.05, 0.13, 0.00, 0.19
HSL	278°, 22%, 75%
HSV	278°, 13%, 81%
XYZ	49.8708, 48.2781, 64.9113
YIQ	187.1610, 1.4650, 12.0010

Conversions

Conversions Part 2

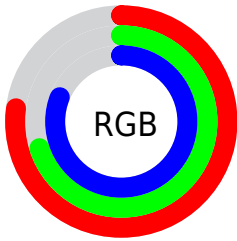
Format	Color
R _Y B	196, 179, 206
Decimal	12891086
CIE Lab	75.00, 11.04, -11.43
CIE LCh	75, 15.889, 314.003
Yxy	48.2781, 0.3058, 0.2961
Android (android.graphics.Color)	4291081166 (0xFFC4B3CE)
YUV	187.1610, 9.2876, 7.7518
Hunter-Lab	69.4824, 6.5236, -6.7517

Details

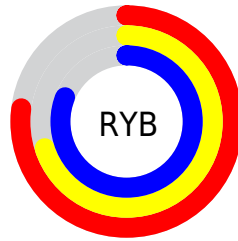
The CIELCh color $75, 15.889, 314.003$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $81, 15.682, 132.911$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 12.104, 322.075$, and $55, 16.201, 313.698$ is the 20% darker color. If you saturate the color by 10%, you get $69, 28.295, 314.450$, and if you desaturate by 10%, it is $81, 3.737, 313.546$.

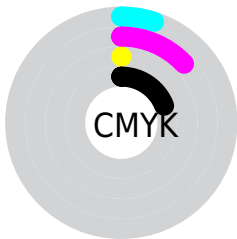
Distribution



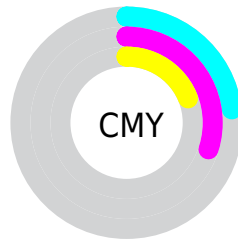
- Red (77%)
- Green (70%)
- Blue (81%)



- Red (77%)
- Yellow (70%)
- Blue (81%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)





- Cyan (23%)
- Magenta (30%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 15.889, 314.003 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, 15.889, 314.003 by changing the saturation by 10% instead.


 75, 15.889,
314.003


 75, 15.889,
314.003


 100, 15.889,
314.003


 65, 15.889,
314.003


 95, 15.889,
314.003

 55, 15.889,
314.003

 45, 15.889,
314.003

 35, 15.889,
314.003

 25, 15.889,
314.003

 15, 15.889,
314.003

 5, 15.889, 314.003

■ 0, 15.889, 314.003

■ 75, 15.889,
314.003

■ 75, 15.889,
314.003

■ 69, 28.295,
314.450

■ 81, 3.737, 313.546

■ 87, 8.101, 133.216

■ 64, 40.859,
314.903

■ 93, 19.603,
132.843

■ 58, 53.403,
315.341

■ 97, 27.185,
131.100

■ 53, 65.639,
315.730

■ 97, 26.177,
125.628

■ 48, 77.137,
316.023

■ 98, 25.432,
119.681

■ 44, 87.299,
316.153

■ 98, 24.987,

■ 40, 95.419,
316.041

113.361

■ 38, 100.871,
315.609

■ 99, 24.868,
108.291

■ 36, 103.321,
315.162

Harmonies

Complementary

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



75, 15.889, 314.003



81, 15.682, 132.911

Rectangle

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



75, 15.889, 314.003



75, 15.889, 4.003



75, 15.889, 134.003



75, 15.889, 184.003

Sweetspot

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



75, 15.887, 314.002



97, 5.708, 313.594



76, 9.585, 268.739



51, 4.059, 313.631



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, 15.887, 314.002



89, 23.143, 314.139



76, 16.236, 328.531



40, 6.793, 313.837



29, 87.885, 315.324



3, 25.332, 311.834

Inverse Universe

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



75, 11.474, 352.468



89, 16.738, 352.797



80, 16.203, 146.969



40, 4.897, 352.079



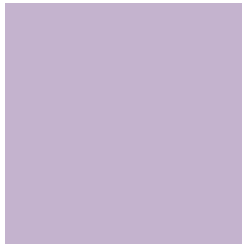
35, 61.758, 14.040



4, 18.904, 1.196

Previews

White Background



This preview shows how the CIELCh color 75, 15.889, 314.003 looks on a white background.

Color Contrast Check

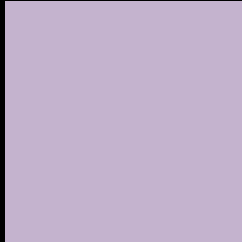
Large Text (above 18pt) WCAG AA × Fail

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, 15.889, 314.003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

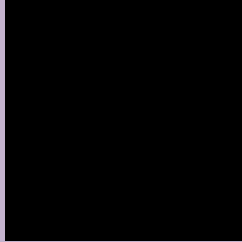
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 15.889, 314.003

Background



This preview shows how black text looks on a background with the CIELCh color 75, 15.889, 314.003.



This preview shows how white text looks on a background with the CIELCh color 75, 15.889, 314.003.

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, 15.889, 314.003

Protanopia

75, 14.054, 288.652

Deuteranopia

75, 14.869, 309.632



Tritanopia
75, 8.984, 322.842

Trichromacy



Original Color
75, 15.889, 314.003

Protanomaly
75, 14.746, 298.397

Deuteranomaly
75, 14.985, 310.944

Tritanomaly
75, 11.683, 318.894

Monochromacy



Original Color
75, 15.889, 314.003

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.855, 312.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 15.889, 314.003 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(196, 179, 206)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 179, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 179, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 15.889, 314.003 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(196, 179, 206) }
```

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

```
.border{ border-color:rgb(196, 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(196, 179, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 179, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 179, 206);  
box-shadow:4px 4px 4px 4px rgb(196, 179,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 15.889, 314.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 179, 206) }
```

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

```
.background{ background-color: rgb(196,  
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](#).

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