

Converting Colors

CIELCh(75, 19.326, 318.963)

Have a look what the booklet for
CIELCh(75, 19.326, 318.963)
contains.

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Color

CIELCh(75, 18.913, 318.671)

Conversions

Conversions Part 1

Format	Color
Hex	C9B1D0
RGB	201, 177, 208
RGB Percent	79%, 69%, 82%
CMY	0.2127, 0.3068, 0.1853
CMYK	0.03, 0.15, 0.00, 0.19
HSL	286°, 25%, 75%
HSV	286°, 15%, 81%
XYZ	51.0540, 48.2781, 66.1463
YIQ	187.7100, 4.3530, 14.7290

Conversions

Conversions Part 2

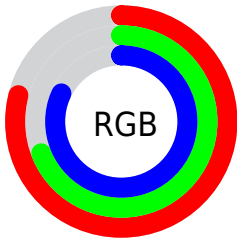
Format	Color
R _Y B	201, 177, 208
Decimal	13218256
CIE Lab	75.00, 14.20, -12.49
CIE LCh	75, 18.913, 318.671
Yxy	48.2781, 0.3085, 0.2917
Android (android.graphics.Color)	4291408336 (0xFFC9B1D0)
YUV	187.7100, 10.0030, 11.6553
Hunter-Lab	69.4824, 9.5631, -7.8055

Details

The CIELCh color $75, 18.913, 318.671$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $81, 18.751, 137.347$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 13.736, 324.896$, and $55, 19.377, 318.625$ is the 20% darker color. If you saturate the color by 10%, you get $70, 31.801, 319.117$, and if you desaturate by 10%, it is $81, 6.178, 318.211$.

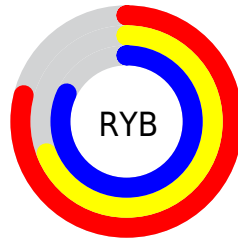
Distribution



Red (79%)

Green (69%)

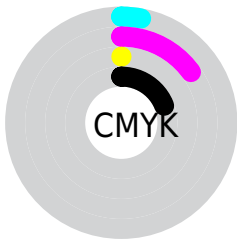
Blue (82%)



Red (79%)

Yellow (69%)

Blue (82%)

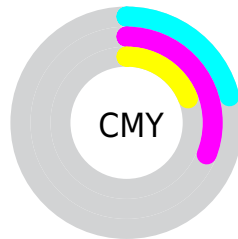


Cyan (3%)

Magenta (15%)

Yellow (0%)

Black (19%)



Cyan (21%)


Magenta (31%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 18.913, 318.671 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, 18.913, 318.671 by changing the saturation by 10% instead.


 75, 18.913,
318.671


 75, 18.913,
318.671


 100, 18.913,
318.671


 65, 18.913,
318.671


 95, 18.913,
318.671

 55, 18.913,
318.671

 45, 18.913,
318.671

 35, 18.913,
318.671

 25, 18.913,
318.671

 15, 18.913,
318.671

 5, 18.913, 318.671

■ 0, 18.913, 318.671

■ 75, 18.913,
318.671

■ 75, 18.913,
318.671

■ 70, 31.801,
319.117

■ 81, 6.178, 318.211

■ 86, 6.296, 137.855

■ 64, 44.681,
319.548

■ 92, 18.456,
137.435

■ 59, 57.294,
319.944

■ 96, 27.339,
136.450

■ 54, 69.263,
320.271

■ 97, 26.553,
133.358

■ 50, 80.085,
320.490

■ 97, 25.847,
130.049

■ 47, 89.162,
320.551

■ 97, 25.233,

■ 44, 95.909,
320.405

126.527

■ 42, 99.969,
320.010

■ 98, 24.719,
122.807

■ 41, 101.337,
319.748

■ 98, 24.317,
118.910

Harmonies

Complementary

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



75, 18.913, 318.671



81, 18.751, 137.347

Rectangle

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



75, 18.913, 318.671



75, 18.913, 8.671



75, 18.913, 138.671



75, 18.913, 188.671

Sweetspot

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



75, 18.911, 318.671



97, 5.933, 318.166



75, 13.023, 280.245



51, 4.219, 318.205



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, 18.911, 318.671



88, 27.018, 318.818



75, 16.758, 333.949



41, 7.197, 318.422



33, 86.591, 319.862



4, 29.070, 319.087

Inverse Universe

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



75, 12.336, 2.731



88, 17.716, 3.113



81, 16.668, 151.934



41, 4.654, 2.125



35, 66.739, 27.024



4, 20.272, 9.035

Previews

White Background



This preview shows how the CIELCh color 75, 18.913, 318.671 looks on a white background.

Color Contrast Check

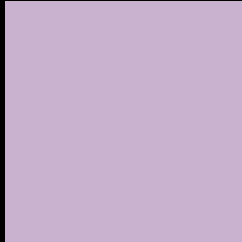
Large Text (above 18pt) WCAG AA × Fail

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, 18.913, 318.671 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, 18.913, 318.671

Background



This preview shows how black text looks on a background with the CIELCh color 75, 18.913, 318.671.



This preview shows how white text looks on a background with the CIELCh color 75, 18.913, 318.671.

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, 18.913, 318.671

Protanopia
75, 15.683, 287.853

Deuteranopia
75, 15.276, 307.729



Tritanopia
75, 10.613, 334.938

Trichromacy



Original Color
75, 18.913, 318.671

Protanomaly
75, 15.918, 300.519

Deuteranomaly
75, 16.256, 312.096

Tritanomaly
75, 13.529, 327.606

Monochromacy



Original Color
75, 18.913, 318.671

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 7.304, 317.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 18.913, 318.671 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(201, 177, 208)` looks like.

```
.text, #text, p{  
    color:rgb(201, 177, 208)  
}
```

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(201, 177, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 177, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 18.913, 318.671 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(201, 177, 208) }
```

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

```
.border{ border-color:rgb(201, 177, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 177, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 177, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 177, 208);  
box-shadow:4px 4px 4px 4px rgb(201, 177,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 18.913, 318.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 177, 208) }
```

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

```
.background{ background-color: rgb(201,  
177, 208) }
```

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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