

Converting Colors

CIELCh(75, 14.883, 309.635)

Have a look what the booklet for
CIELCh(75, 14.883, 309.635)
contains.

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Color

CIELCh(75, 14.869, 309.632)

Conversions

Conversions Part 1

Format	Color
Hex	C1B4CE
RGB	193, 180, 206
RGB Percent	76%, 71%, 81%
CMY	0.2442, 0.2952, 0.1932
CMYK	0.06, 0.13, 0.00, 0.19
HSL	270°, 21%, 76%
HSV	270°, 13%, 81%
XYZ	49.2966, 48.2781, 64.9373
YIQ	186.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

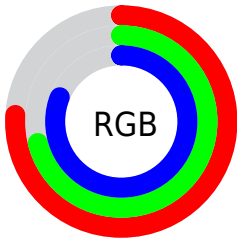
Format	Color
R _Y B	193, 180, 206
Decimal	12694734
CIE Lab	75.00, 9.48, -11.45
CIE LCh	75, 14.869, 309.632
Yxy	48.2781, 0.3033, 0.2971
Android (android.graphics.Color)	4290884814 (0xFFC1B4CE)
YUV	186.8510, 9.4405, 5.3927
Hunter-Lab	69.4824, 5.0484, -6.7739

Details

The CIELCh color `75, 14.869, 309.632` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `81, 14.610, 128.512`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 10.970, 317.185`, and `55, 15.141, 309.118` is the 20% darker color. If you saturate the color by 10%, you get `69, 27.000, 310.133`, and if you desaturate by 10%, it is `81, 3.061, 309.141`.

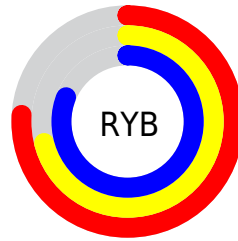
Distribution



Red (76%)

Green (71%)

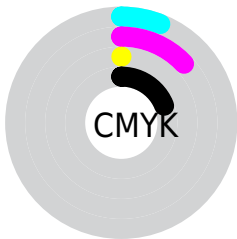
Blue (81%)



Red (76%)

Yellow (71%)

Blue (81%)

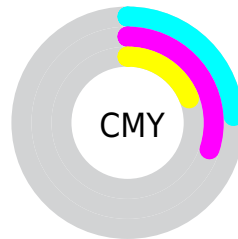


Cyan (6%)

Magenta (13%)

Yellow (0%)

Black (19%)



Cyan (24%)


Magenta (30%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 14.869, 309.632 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, 14.869, 309.632 by changing the saturation by 10% instead.


 75, 14.869,
309.632


 75, 14.869,
309.632


 100, 14.869,
309.632


 65, 14.869,
309.632


 95, 14.869,
309.632

 55, 14.869,
309.632

 45, 14.869,
309.632

 35, 14.869,
309.632

 25, 14.869,
309.632

 15, 14.869,
309.632

 5, 14.869, 309.632

0, 14.869, 309.632

75, 14.869,
309.632

75, 14.869,
309.632

69, 27.000,
310.133

81, 3.061, 309.141

87, 8.394, 128.780

63, 39.398,
310.665

93, 19.492,
128.403

57, 51.939,
311.209

97, 26.175,
125.595

52, 64.402,
311.734

98, 25.241,
117.470

46, 76.411,
312.189

99, 24.874,
108.762

41, 87.386,
312.496

99, 24.872,

■ 37, 96.536,
312.551

108.291

■ 34, 103.020,
312.241

■ 33, 106.222,
311.814

Harmonies

Complementary

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



75, 14.869, 309.632



81, 14.610, 128.512

Rectangle

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



75, 14.869, 309.632



75, 14.869, 359.632



75, 14.869, 129.632



75, 14.869, 179.632

Sweetspot

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



75, 14.867, 309.630



97, 5.540, 309.217



77, 8.137, 255.299



51, 3.940, 309.255



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, 14.867, 309.630



89, 21.087, 309.756



76, 16.846, 324.660



40, 6.600, 309.474



25, 90.311, 311.987



3, 24.542, 306.640

Inverse Universe

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



76, 11.957, 344.683



90, 16.947, 344.922



80, 16.821, 143.270



40, 5.312, 344.383



35, 61.429, 1.612



4, 19.920, 353.526

Previews

White Background



This preview shows how the CIELCh color 75, 14.869, 309.632 looks on a white background.

Color Contrast Check

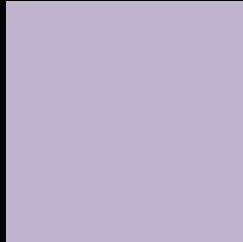
Large Text (above 18pt) WCAG AA × Fail

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, 14.869, 309.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

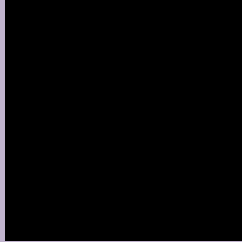
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 14.869, 309.632

Background



This preview shows how black text looks on a background with the CIELCh color 75, 14.869, 309.632.



This preview shows how white text looks on a background with the CIELCh color 75, 14.869, 309.632.

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, 14.869, 309.632

Protanopia

75, 13.516, 288.482

Deuteranopia

75, 14.869, 309.632



Tritanopia
75, 8.935, 314.965

Trichromacy



Original Color
75, 14.869, 309.632

Protanomaly
75, 13.579, 295.910

Deuteranomaly
75, 14.869, 309.632

Tritanomaly
75, 11.064, 312.165

Monochromacy



Original Color
75, 14.869, 309.632

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, 14.869, 309.632 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, 180, 206)` looks like.

```
.text, #text, p{  
    color:rgb(193, 180, 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, 180, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 180, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 14.869, 309.632 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, 180, 206) }
```

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

```
.border{ border-color:rgb(193, 180, 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, 180, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 180, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 180, 206);  
box-shadow:4px 4px 4px 4px rgb(193, 180,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 14.869, 309.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 180, 206) }
```

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

```
.background{ background-color: rgb(193,  
180, 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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