

Converting Colors

CIELCh(75, 11.064, 312.165)

Have a look what the booklet for
CIELCh(75, 11.064, 312.165)
contains.

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Color

CIELCh(75, 11.064, 312.165)

Conversions

Conversions Part 1

Format	Color
Hex	C0B5C8
RGB	192, 181, 200
RGB Percent	75%, 71%, 78%
CMY	0.2480, 0.2912, 0.2167
CMYK	0.04, 0.10, 0.00, 0.22
HSL	275°, 15%, 75%
HSV	275°, 10%, 78%
XYZ	48.5431, 48.2781, 61.2478
YIQ	186.4550, 0.4570, 8.2410

Conversions

Conversions Part 2

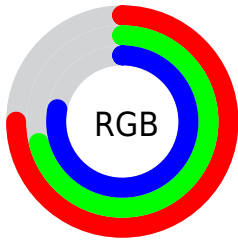
Format	Color
R_{YB}	192, 181, 200
Decimal	12629448
CIE Lab	75.00, 7.43, -8.20
CIE LCh	75, 11.064, 312.165
Yxy	48.2781, 0.3071, 0.3054
Android (android.graphics.Color)	4290819528 (0xFFC0B5C8)
YUV	186.4550, 6.6777, 4.8630
Hunter-Lab	69.4824, 3.1126, -3.6256

Details

The CIELCh color **75, 11.064, 312.165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 10.936, 131.388**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.060, 313.130**, and **55, 11.226, 313.346** is the 20% darker color. If you saturate the color by 10%, you get **69, 22.975, 312.619**, and if you desaturate by 10%, it is **81, 0.555, 132.016**.

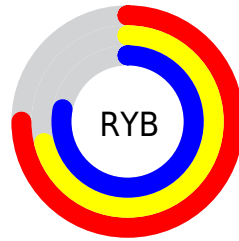
Distribution



Red (75%)

Green (71%)

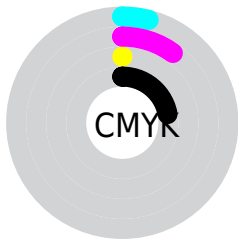
Blue (78%)



Red (75%)

Yellow (71%)

Blue (78%)

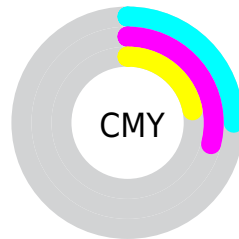


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (22%)



Cyan (25%)


Magenta (29%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 11.064, 312.165 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, 11.064, 312.165 by changing the saturation by 10% instead.


 75, 11.064,
312.165


 75, 11.064,
312.165


 100, 11.064,
312.165


 65, 11.064,
312.165


 95, 11.064,
312.165

 55, 11.064,
312.165

 45, 11.064,
312.165

 35, 11.064,
312.165

 25, 11.064,
312.165

 15, 11.064,
312.165

 5, 11.064, 312.165

0, 11.064, 312.165

75, 11.064,
312.165

75, 11.064,
312.165

69, 22.975,
312.619

81, 0.555, 132.016

64, 35.119,
313.092

87, 11.844,
131.386

58, 47.370,
313.567

92, 22.797,
131.034

53, 59.514,
314.016

97, 30.102,
129.329

48, 71.209,
314.396

97, 29.061,
123.781

43, 81.942,
314.645

98, 28.321,
117.779

■ 39, 91.031,
314.680

■ 98, 27.922,
111.438

■ 36, 97.743,
314.405

■ 99, 27.861,
108.061

■ 34, 101.935,
313.810

Harmonies

Complementary

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



75, 11.064, 312.165



79, 10.936, 131.388

Rectangle

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



75, 11.064, 312.165



75, 11.064, 2.165



75, 11.064, 132.165



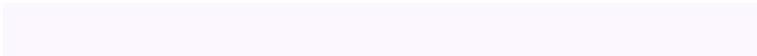
75, 11.064, 182.165

Sweetspot

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



75, 11.062, 312.163



98, 4.226, 311.860



76, 6.440, 263.590



52, 3.205, 311.903



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, 11.062, 312.163



92, 15.636, 312.237



76, 11.869, 326.797



39, 6.574, 312.157



27, 87.789, 313.943



3, 22.739, 308.913

Inverse Universe

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



75, 8.318, 348.929



93, 11.762, 349.093



79, 11.848, 145.737



39, 4.943, 348.916



34, 60.523, 9.098



4, 17.192, 357.679

Previews

White Background



This preview shows how the CIELCh color 75, 11.064, 312.165 looks on a white background.

Color Contrast Check

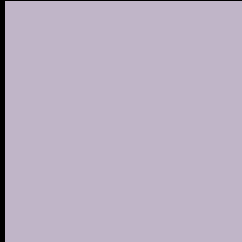
Large Text (above 18pt) WCAG AA × Fail

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, 11.064, 312.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

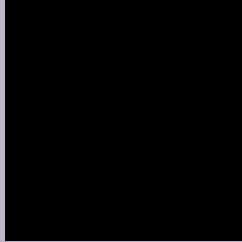
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 11.064, 312.165

Background



This preview shows how black text looks on a background with the CIELCh color 75, 11.064, 312.165.



This preview shows how white text looks on a background with the CIELCh color 75, 11.064, 312.165.

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, 11.064, 312.165

Protanopia

75, 9.731, 291.099

Deuteranopia

75, 12.984, 319.544



Tritanopia
75, 8.935, 314.965

Trichromacy



Original Color
75, 11.064, 312.165

Protanomaly
75, 10.399, 299.055

Deuteranomaly
75, 12.000, 316.135

Tritanomaly
75, 9.429, 313.630

Monochromacy



Original Color
75, 11.064, 312.165

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 4.077, 311.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 11.064, 312.165 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(192, 181, 200)` looks like.

```
.text, #text, p{  
    color:rgb(192, 181, 200)  
}
```

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(192, 181, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 181, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 11.064, 312.165 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(192, 181, 200) }
```

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

```
.border{ border-color:rgb(192, 181, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 181, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 181, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 181, 200);  
box-shadow:4px 4px 4px 4px rgb(192, 181,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 11.064, 312.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 181, 200) }
```

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

```
.background{ background-color: rgb(192,  
181, 200) }
```

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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