

Converting Colors

CIELCh(74, 12.061, 310.096)

Have a look what the booklet for
CIELCh(74, 12.061, 310.096)
contains.

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Color

CIELCh(74, 12.111, 310.348)

Conversions

Conversions Part 1

Format	Color
Hex	BDB2C7
RGB	189, 178, 199
RGB Percent	74%, 70%, 78%
CMY	0.2594, 0.3025, 0.2202
CMYK	0.05, 0.11, 0.00, 0.22
HSL	271°, 16%, 74%
HSV	271°, 11%, 78%
XYZ	47.1372, 46.7039, 60.4777
YIQ	183.6830, -0.1850, 8.8630

Conversions

Conversions Part 2

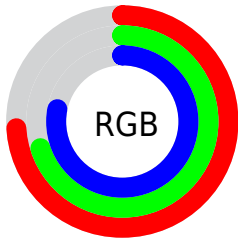
Format	Color
R_{YB}	189, 178, 199
Decimal	12432071
CIE _{Lab}	74.00, 7.84, -9.23
CIE _{LCh}	74, 12.111, 310.348
Yxy	46.7039, 0.3055, 0.3026
Android (android.graphics.Color)	4290622151 (0xFFBDB2C7)
YUV	183.6830, 7.5513, 4.6630
Hunter-Lab	68.3403, 3.5235, -4.6305

Details

The CIELCh color $74, 12.111, 310.348$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 11.939, 129.446$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.524, 310.245$, and $54, 12.343, 311.372$ is the 20% darker color. If you saturate the color by 10%, you get $68, 23.893, 310.827$, and if you desaturate by 10%, it is $80, 0.639, 309.721$.

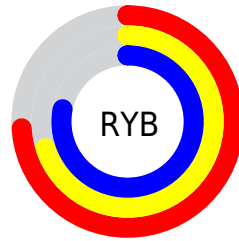
Distribution



Red (74%)

Green (70%)

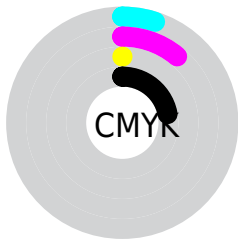
Blue (78%)



Red (74%)

Yellow (70%)

Blue (78%)

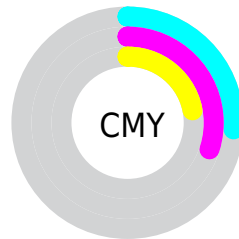


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (30%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.111, 310.348 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 74, 12.111, 310.348 by changing the saturation by 10% instead.

 74, 12.111,
310.348

 74, 12.111,
310.348

 100, 12.111,
310.348


 64, 12.111,
310.348

 94, 12.111,
310.348


 54, 12.111,
310.348

 44, 12.111,
310.348

 34, 12.111,
310.348

 24, 12.111,
310.348

 14, 12.111,
310.348

 4, 12.111, 310.348

0, 12.111, 310.348

74, 12.111,
310.348

74, 12.111,
310.348

68, 23.893,
310.827

80, 0.639, 309.721

62, 35.936,
311.335

86, 10.494,
129.533

57, 48.126,
311.854

92, 21.285,
129.172

51, 60.263,
312.355

97, 30.334,
128.170

46, 72.011,
312.794

97, 29.247,
121.876

41, 82.850,
313.101

98, 28.552,
115.061

■ 37, 92.064,
313.182

■ 99, 28.303,
108.027

■ 34, 98.857,
312.930

■ 32, 103.002,
312.394

Harmonies

Complementary

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



74, 12.111, 310.348



79, 11.939, 129.446

Rectangle

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



74, 12.111, 310.348



74, 12.111, 0.348



74, 12.111, 130.348



74, 12.111, 180.348

Sweetspot

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



74, 12.109, 310.346



98, 4.173, 309.987



76, 6.805, 258.649



52, 3.165, 310.029



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 12.109, 310.346



91, 18.311, 310.470



75, 13.596, 325.447



39, 6.495, 310.291



26, 88.820, 312.557



2, 22.469, 306.795

Inverse Universe

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



75, 9.545, 345.810



91, 14.430, 346.060



78, 13.577, 144.279



39, 5.120, 345.699



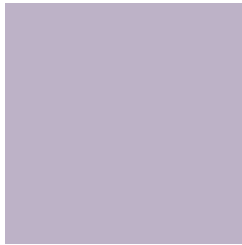
35, 60.543, 3.806



4, 17.635, 354.422

Previews

White Background



This preview shows how the CIELCh color 74, 12.111, 310.348 looks on a white background.

Color Contrast Check

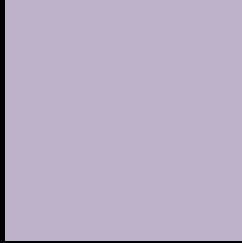
Large Text (above 18pt) WCAG AA × Fail

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 74, 12.111, 310.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

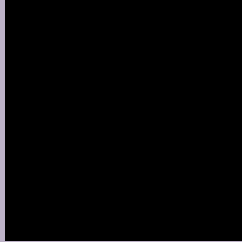
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 12.111, 310.348

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.111, 310.348.



This preview shows how white text looks on a background with the CIELCh color 74, 12.111, 310.348.

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

74, 12.111, 310.348

Protanopia

74, 10.833, 289.332

Deuteranopia

74, 13.166, 315.602



Tritanopia
74, 8.310, 314.175

Trichromacy



Original Color
74, 12.111, 310.348

Protanomaly
74, 10.911, 296.842

Deuteranomaly
74, 13.020, 314.132

Tritanomaly
74, 9.311, 311.553

Monochromacy



Original Color
74, 12.111, 310.348

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.085, 311.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.111, 310.348 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(189, 178, 199)` looks like.

```
.text, #text, p{  
    color:rgb(189, 178, 199)  
}
```

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(189, 178, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 178, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.111, 310.348 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(189, 178, 199) }
```

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

```
.border{ border-color:rgb(189, 178, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 178, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 178, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 178, 199);  
box-shadow:4px 4px 4px 4px rgb(189, 178,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.111, 310.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 178, 199) }
```

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

```
.background{ background-color: rgb(189,  
178, 199) }
```

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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