

Converting Colors

CIELCh(74, 2.907, 268.274)

Have a look what the booklet for
CIELCh(74, 2.907, 268.274) contains.

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Color

CIELCh(74, 2.910, 268.276)

Conversions

Conversions Part 1

Format	Color
Hex	B3B6BB
RGB	179, 182, 187
RGB Percent	70%, 71%, 73%
CMY	0.2975, 0.2857, 0.2661
CMYK	0.04, 0.03, 0.00, 0.27
HSL	217°, 6%, 72%
HSV	217°, 4%, 73%
XYZ	44.3607, 46.7039, 53.7663
YIQ	181.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

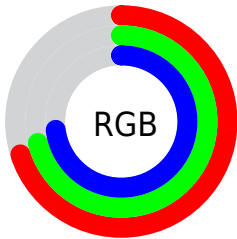
Format	Color
R _Y B	179, 181, 187
Decimal	11777723
CIE Lab	74.00, -0.09, -2.91
CIE LCh	74, 2.910, 268.276
Yxy	46.7039, 0.3063, 0.3225
Android (android.graphics.Color)	4289967803 (0xFFB3B6BB)
YUV	181.6730, 2.6262, -2.3442
Hunter-Lab	68.3403, -3.7286, 1.1922

Details

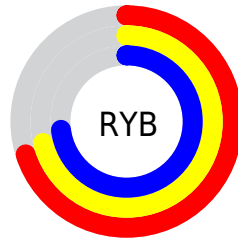
The CIELCh color $74, 2.910, 268.276$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 2.902, 86.999$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 2.771, 268.180$, and $54, 3.094, 268.455$ is the 20% darker color. If you saturate the color by 10%, you get $69, 9.744, 269.593$, and if you desaturate by 10%, it is $79, 3.853, 86.874$.

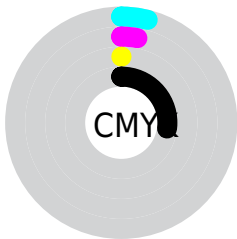
Distribution



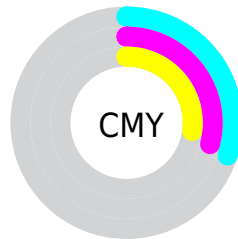
- Red (70%)
- Green (71%)
- Blue (73%)



- Red (70%)
- Yellow (71%)
- Blue (73%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (30%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 2.910, 268.276 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, 2.910, 268.276 by changing the saturation by 10% instead.

■ 74, 2.910, 268.276

■ 74, 2.910, 268.276

■ 100, 2.910,
268.276

■ 64, 2.910, 268.276

■ 94, 2.910, 268.276

■ 54, 2.910, 268.276

■ 44, 2.910, 268.276

■ 34, 2.910, 268.276

■ 24, 2.910, 268.276

■ 14, 2.910, 268.276

■ 4, 2.910, 268.276

■ 0, 2.910, 268.276

■ 74, 2.910, 268.276

■ 74, 2.910, 268.276

69, 9.744, 269.593

79, 3.853, 86.874

65, 16.649,
271.231

83, 10.536, 85.865

61, 23.620,
273.157

88, 17.134, 84.958

56, 30.665,
275.414

92, 23.642, 84.159

52, 37.800,
278.043

98, 32.852,
105.832

47, 45.057,
281.068

99, 34.127,
107.579

43, 52.477,
284.472

39, 60.091,
288.177

36, 67.878,
292.023

Harmonies

Complementary

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



74, 2.910, 268.276



75, 2.902, 86.999

Rectangle

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



74, 2.910, 268.276



74, 2.910, 318.276



74, 2.910, 88.276



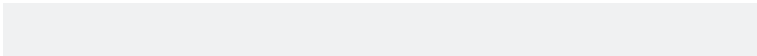
74, 2.910, 138.276

Sweetspot

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



74, 2.909, 268.244



95, 0.845, 268.110



75, 3.400, 170.201



51, 0.485, 268.124



98, 0.011, 296.813



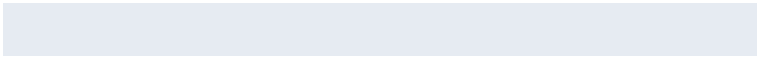
51, 0.007, 296.813

Same Dimension

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



74, 2.909, 268.244



93, 4.195, 268.336



73, 4.366, 295.102



39, 2.329, 268.399



28, 63.030, 293.595



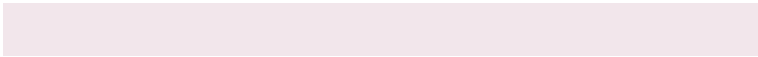
3, 12.996, 276.721

Inverse Universe

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



74, 3.422, 351.209



92, 4.941, 351.303



76, 4.310, 114.425



38, 2.745, 351.362



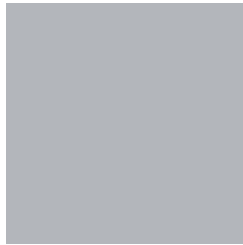
33, 59.541, 13.343



3, 13.165, 358.693

Previews

White Background



This preview shows how the CIELCh color 74, 2.910, 268.276 looks on a white background.

Color Contrast Check

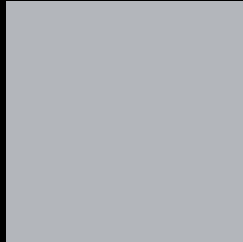
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 2.910, 268.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

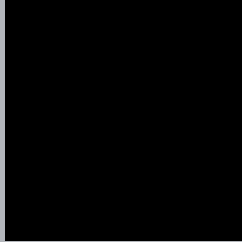
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

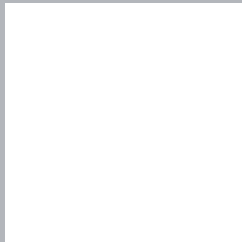
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 2.910, 268.276

Background



This preview shows how black text looks on a background with the CIELCh color 74, 2.910, 268.276.

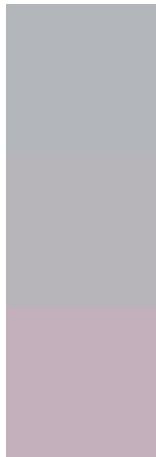


This preview shows how white text looks on a background with the CIELCh color 74, 2.910, 268.276.

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, 2.910, 268.276

Protanopia

74, 2.945, 312.545

Deuteranopia

74, 9.916, 339.365



Tritanopia
74, 7.589, 288.189

Trichromacy



Original Color

74, 2.910, 268.276

Protanomaly

74, 2.745, 298.170

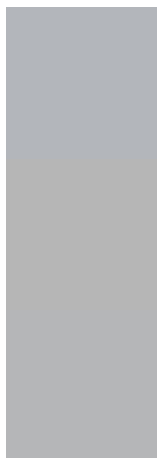
Deuteranomaly

74, 7.045, 329.728

Tritanomaly

74, 5.968, 287.275

Monochromacy



Original Color

74, 2.910, 268.276

Achromatopsia

74, 0.009, 296.813

Achromatomaly

74, 1.146, 271.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 2.910, 268.276 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(179, 182, 187)` looks like.

```
.text, #text, p{  
    color:rgb(179, 182, 187)  
}
```

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(179, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 182, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 2.910, 268.276 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(179, 182, 187) }
```

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

```
.border{ border-color:rgb(179, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(179, 182,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 2.910, 268.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 182, 187) }
```

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

```
.background{ background-color: rgb(179,  
182, 187) }
```

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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