

Converting Colors

CIELCh(74, 1.296, 239.132)

Have a look what the booklet for
CIELCh(74, 1.296, 239.132) contains.

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Color

CIELCh(74, 1.307, 255.945)

Conversions

Conversions Part 1

Format	Color
Hex	B4B6B8
RGB	180, 182, 184
RGB Percent	71%, 71%, 72%
CMY	0.2935, 0.2857, 0.2778
CMYK	0.02, 0.01, 0.00, 0.28
HSL	210°, 3%, 71%
HSV	210°, 2%, 72%
XYZ	44.2818, 46.7039, 52.1094
YIQ	181.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

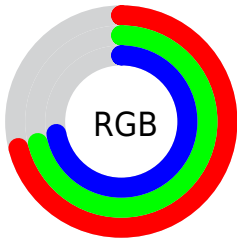
Format	Color
RYB	180, 181, 184
Decimal	11843256
CIELab	74.00, -0.32, -1.27
CIElCh	74, 1.307, 255.945
Yxy	46.7039, 0.3095, 0.3264
Android (android.graphics.Color)	4290033336 (0xFFB4B6B8)
YUV	181.6300, 1.1684, -1.4295
Hunter-Lab	68.3403, -3.9345, 2.6297

Details

The CIELCh color $74, 1.307, 255.945$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 1.300, 74.812$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 1.245, 255.960$, and $54, 1.389, 255.973$ is the 20% darker color. If you saturate the color by 10%, you get $70, 7.259, 256.985$, and if you desaturate by 10%, it is $78, 4.687, 74.383$.

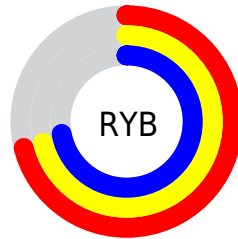
Distribution



Red (71%)

Green (71%)

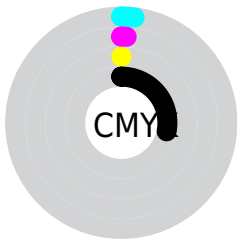
Blue (72%)



Red (71%)

Yellow (71%)

Blue (72%)

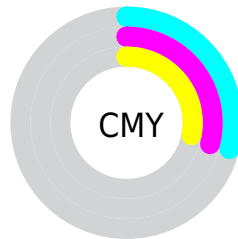


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 1.307, 255.945 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, 1.307, 255.945 by changing the saturation by 10% instead.

■ 74, 1.307, 255.945

■ 74, 1.307, 255.945

■ 100, 1.307,
255.945

■ 64, 1.307, 255.945

■ 94, 1.307, 255.945

■ 54, 1.307, 255.945

■ 44, 1.307, 255.945

■ 34, 1.307, 255.945

■ 24, 1.307, 255.945

■ 14, 1.307, 255.945

■ 4, 1.307, 255.945

■ 0, 1.307, 255.945

■ 74, 1.307, 255.945

■ 74, 1.307, 255.945

70, 7.259, 256.985

78, 4.687, 74.383

66, 13.148,
258.550

82, 10.699, 73.450

63, 18.950,
260.426

86, 16.711, 72.620

59, 24.646,
262.663

89, 22.708, 71.895

55, 30.227,
265.317

94, 28.027, 93.841

52, 35.702,
268.438

96, 31.751,
101.783

48, 41.110,
272.049

99, 35.603,
107.465

45, 46.518,
276.118

42, 52.014,
280.534

Harmonies

Complementary

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



74, 1.307, 255.945



74, 1.300, 74.812

Rectangle

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



74, 1.307, 255.945



74, 1.307, 305.945



74, 1.307, 75.945



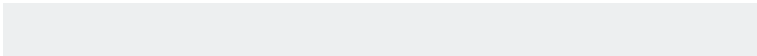
74, 1.307, 125.945

Sweetspot

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



74, 1.306, 255.862



94, 0.750, 256.019



74, 1.863, 162.794



50, 0.426, 256.043



97, 0.011, 296.813



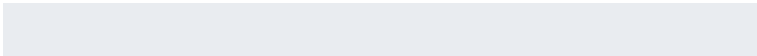
50, 0.007, 296.813

Same Dimension

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



74, 1.306, 255.862



93, 2.231, 255.895



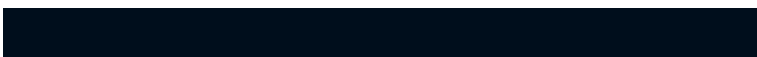
73, 2.139, 289.752



38, 1.355, 255.947



34, 49.199, 283.344



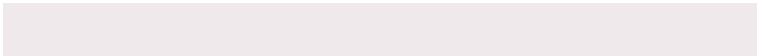
4, 10.206, 267.294

Inverse Universe

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



74, 1.859, 343.580



93, 3.181, 343.709



75, 2.112, 109.271



38, 1.936, 343.792



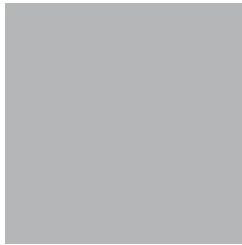
33, 58.658, 1.308



3, 12.213, 350.746

Previews

White Background



This preview shows how the CIELCh color 74, 1.307, 255.945 looks on a white background.

Color Contrast Check

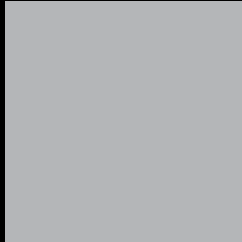
Large Text (above 18pt) WCAG AA × Fail

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, 1.307, 255.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

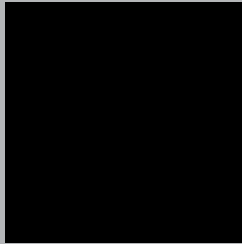
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

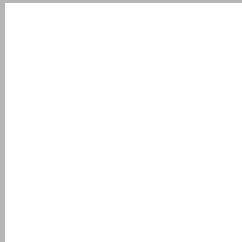
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 1.307, 255.945

Background



This preview shows how black text looks on a background with the CIELCh color 74, 1.307, 255.945.

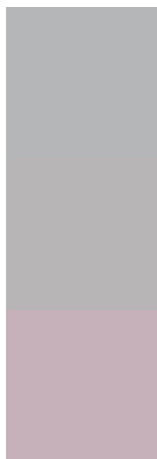


This preview shows how white text looks on a background with the CIELCh color 74, 1.307, 255.945.

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, 1.307, 255.945

Protanopia

74, 1.570, 335.569

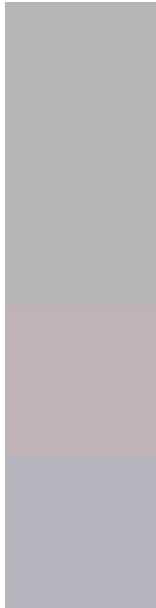
Deuteranopia

74, 9.604, 349.821



Tritanopia
74, 8.177, 296.020

Trichromacy



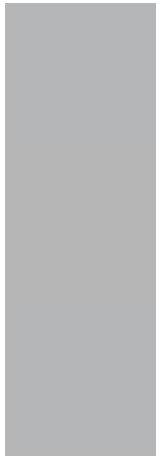
Original Color
74, 1.307, 255.945

Protanomaly
74, 1.328, 324.320

Deuteranomaly
74, 6.483, 344.189

Tritanomaly
74, 5.421, 290.705

Monochromacy



Original Color
74, 1.307, 255.945

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 0.658, 256.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 1.307, 255.945 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(180, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(180, 182, 184)  
}
```

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(180, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 182, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 1.307, 255.945 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(180, 182, 184) }
```

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

```
.border{ border-color:rgb(180, 182, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 182, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 182, 184);  
box-shadow:4px 4px 4px 4px rgb(180, 182,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 1.307, 255.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 182, 184) }
```

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

```
.background{ background-color: rgb(180,  
182, 184) }
```

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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