

Converting Colors

CIELCh(74, 1.321, 281.851)

Have a look what the booklet for
CIELCh(74, 1.321, 281.851) contains.

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Color

CIELCh(74, 1.146, 271.520)

Conversions

Conversions Part 1

Format	Color
Hex	B5B6B8
RGB	181, 182, 184
RGB Percent	71%, 71%, 72%
CMY	0.2904, 0.2865, 0.2787
CMYK	0.02, 0.01, 0.00, 0.28
HSL	220°, 2%, 72%
HSV	220°, 2%, 72%
XYZ	44.4011, 46.7039, 51.9873
YIQ	181.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

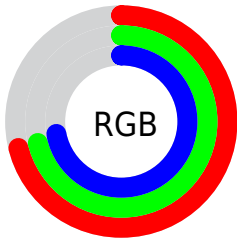
Format	Color
R _Y B	181, 182, 184
Decimal	11908792
CIE Lab	74.00, 0.03, -1.15
CIE LCh	74, 1.146, 271.520
Yxy	46.7039, 0.3103, 0.3264
Android (android.graphics.Color)	4290098872 (0xFFB5B6B8)
YUV	181.9290, 1.0210, -0.8147
Hunter-Lab	68.3403, -3.6229, 2.7356

Details

The CIELCh color **74, 1.146, 271.520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 1.129, 90.645**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 1.092, 271.531**, and **54, 1.218, 271.541** is the 20% darker color. If you saturate the color by 10%, you get **69, 8.176, 272.599**, and if you desaturate by 10%, it is **79, 5.776, 90.051**.

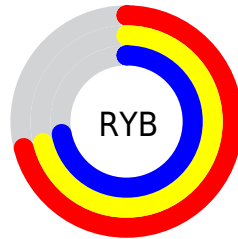
Distribution



Red (71%)

Green (71%)

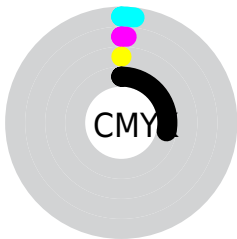
Blue (72%)



Red (71%)

Yellow (71%)

Blue (72%)

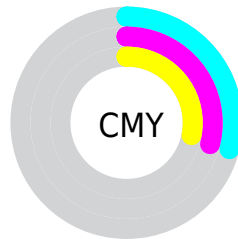


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 1.146, 271.520 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, 1.146, 271.520 by changing the saturation by 10% instead.

■ 74, 1.146, 271.520

■ 74, 1.146, 271.520

100, 1.146,
271.520

■ 64, 1.146, 271.520

■ 94, 1.146, 271.520

■ 54, 1.146, 271.520

■ 44, 1.146, 271.520

■ 34, 1.146, 271.520

■ 24, 1.146, 271.520

■ 14, 1.146, 271.520

■ 4, 1.146, 271.520

■ 0, 1.146, 271.520

■ 74, 1.146, 271.520

■ 74, 1.146, 271.520

69, 8.176, 272.599

79, 5.776, 90.051

65, 15.317,
274.136

83, 12.585, 89.075

60, 22.572,
275.942

88, 19.281, 88.209

55, 29.952,
278.055

92, 25.863, 87.445

51, 37.474,
280.514

99, 35.707,
107.457

46, 45.167,
283.343

42, 53.067,
286.532

38, 61.184,
290.012

34, 69.458,
293.636

Harmonies

Complementary

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



74, 1.146, 271.520



74, 1.129, 90.645

Rectangle

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



74, 1.146, 271.520



74, 1.146, 321.520



74, 1.146, 91.520



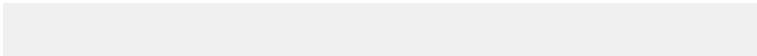
74, 1.146, 141.520

Sweetspot

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



74, 1.145, 271.438



95, 0.011, 296.813



74, 1.250, 172.791



50, 0.007, 296.813



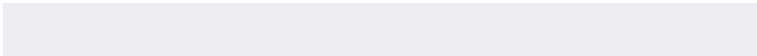
97, 0.011, 296.813

Same Dimension

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



74, 1.145, 271.438



94, 1.738, 271.449



74, 1.644, 296.181



38, 0.793, 271.443



26, 66.573, 296.048



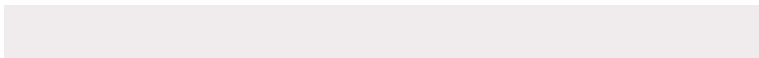
3, 11.804, 277.692

Inverse Universe

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



74, 1.253, 353.421



93, 1.905, 353.526



75, 1.620, 115.936



38, 0.869, 353.486



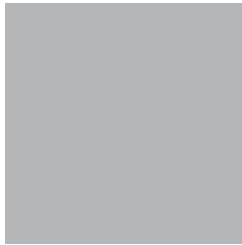
32, 59.530, 17.130



2, 11.338, 359.920

Previews

White Background



This preview shows how the CIELCh color 74, 1.146, 271.520 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, 1.146, 271.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

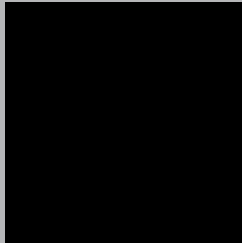
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

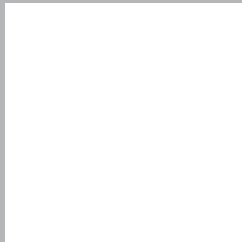
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 1.146, 271.520

Background



This preview shows how black text looks on a background with the CIELCh color 74, 1.146, 271.520.

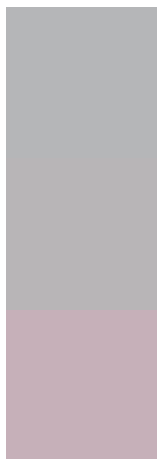


This preview shows how white text looks on a background with the CIELCh color 74, 1.146, 271.520.

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, 1.146, 271.520

Protanopia

74, 1.570, 335.569

Deuteranopia

74, 9.604, 349.821



Tritanopia
74, 8.222, 298.530

Trichromacy



Original Color

74, 1.146, 271.520

Protanomaly

74, 1.328, 324.320

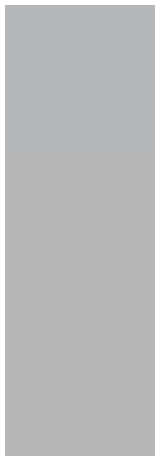
Deuteranomaly

74, 6.483, 344.189

Tritanomaly

74, 5.438, 294.544

Monochromacy



Original Color

74, 1.146, 271.520

Achromatopsia

74, 0.009, 296.813

Achromatomaly

74, 0.550, 290.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 1.146, 271.520 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(181, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 182, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 1.146, 271.520 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(181, 182, 184) }
```

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

```
.border{ border-color:rgb(181, 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(181, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 182, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 182, 184);  
box-shadow:4px 4px 4px 4px rgb(181, 182,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 1.146, 271.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 182, 184) }
```

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

```
.background{ background-color: rgb(181,  
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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