

Converting Colors

CIELCh(74, 1.668, 277.588)

Have a look what the booklet for
CIELCh(74, 1.668, 277.588) contains.

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Color

CIELCh(74, 1.666, 277.587)

Conversions

Conversions Part 1

Format	Color
Hex	B5B6B9
RGB	181, 182, 185
RGB Percent	71%, 71%, 73%
CMY	0.2907, 0.2868, 0.2750
CMYK	0.02, 0.02, 0.00, 0.28
HSL	225°, 3%, 72%
HSV	225°, 2%, 72%
XYZ	44.4663, 46.7039, 52.4936
YIQ	182.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

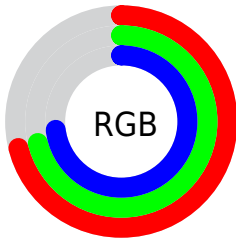
Format	Color
RYB	181, 182, 185
Decimal	11908793
CIELab	74.00, 0.22, -1.65
CIELCh	74, 1.666, 277.587
Yxy	46.7039, 0.3095, 0.3251
Android (android.graphics.Color)	4290098873 (0xFFB5B6B9)
YUV	182.0430, 1.4578, -0.9147
Hunter-Lab	68.3403, -3.4528, 2.2963

Details

The CIELCh color $74, 1.666, 277.587$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 1.646, 96.824$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 1.587, 277.561$, and $54, 1.772, 277.652$ is the 20% darker color. If you saturate the color by 10%, you get $69, 9.434, 278.724$, and if you desaturate by 10%, it is $79, 5.921, 96.301$.

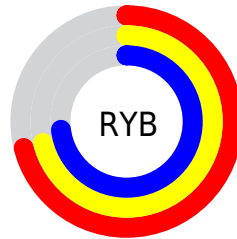
Distribution



Red (71%)

Green (71%)

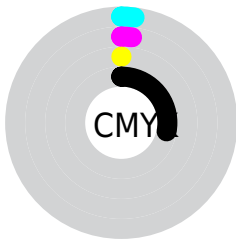
Blue (73%)



Red (71%)

Yellow (71%)

Blue (73%)

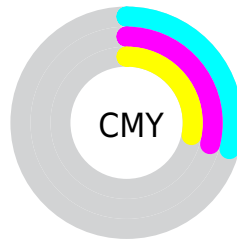


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 1.666, 277.587 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, 1.666, 277.587 by changing the saturation by 10% instead.

■ 74, 1.666, 277.587

■ 74, 1.666, 277.587

100, 1.666,
277.587

■ 64, 1.666, 277.587

■ 94, 1.666, 277.587

■ 54, 1.666, 277.587

■ 44, 1.666, 277.587

■ 34, 1.666, 277.587

■ 24, 1.666, 277.587

■ 14, 1.666, 277.587

■ 4, 1.666, 277.587

■ 0, 1.666, 277.587

■ 74, 1.666, 277.587

■ 74, 1.666, 277.587

69, 9.434, 278.724

79, 5.921, 96.301

64, 17.399,
280.200

84, 13.329, 95.363

59, 25.573,
281.929

89, 20.567, 94.535

94, 27.640, 93.806

54, 33.978,
283.947

98, 33.451,
105.044

49, 42.639,
286.285

99, 35.251,
107.492

44, 51.583,
288.956

39, 60.808,
291.929

35, 70.228,
295.104

31, 79.576,
298.297

Harmonies

Complementary

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



74, 1.666, 277.587



75, 1.646, 96.824

Rectangle

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



74, 1.666, 277.587



74, 1.666, 327.587



74, 1.666, 97.587



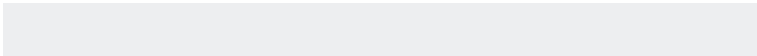
74, 1.666, 147.587

Sweetspot

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



74, 1.665, 277.536



94, 0.955, 277.520



75, 1.590, 178.407



50, 0.543, 277.526



97, 0.011, 296.813



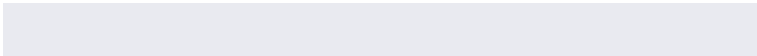
50, 0.007, 296.813

Same Dimension

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



74, 1.665, 277.536



93, 2.850, 277.611



74, 2.205, 299.399



38, 1.734, 277.679



23, 75.203, 300.166



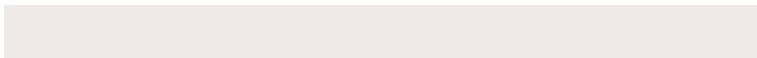
2, 12.635, 281.501

Inverse Universe

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



74, 1.597, 359.366



93, 2.739, 359.532



75, 2.178, 119.149



38, 1.668, 359.633



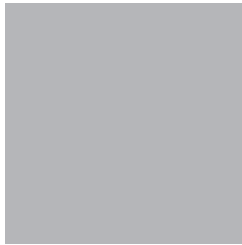
32, 61.886, 24.579



2, 11.047, 4.526

Previews

White Background



This preview shows how the CIELCh color 74, 1.666, 277.587 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, 1.666, 277.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

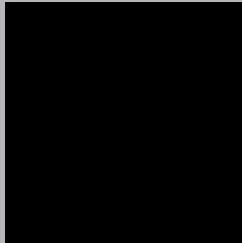
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

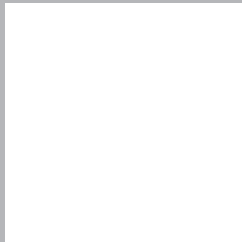
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 1.666, 277.587

Background



This preview shows how black text looks on a background with the CIELCh color 74, 1.666, 277.587.

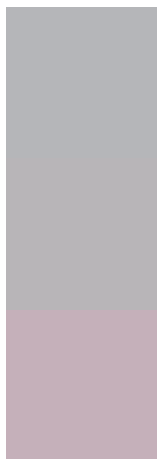


This preview shows how white text looks on a background with the CIELCh color 74, 1.666, 277.587.

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, 1.666, 277.587

Protanopia

74, 1.987, 324.409

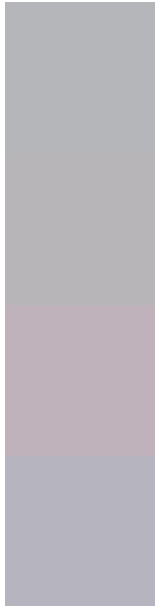
Deuteranopia

74, 9.566, 345.822



Tritanopia
74, 8.177, 296.020

Trichromacy



Original Color

74, 1.666, 277.587

Protanomaly

74, 1.802, 314.647

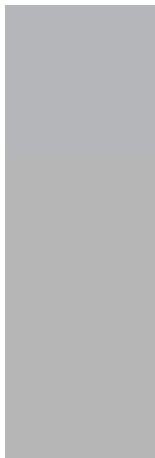
Deuteranomaly

74, 6.526, 338.366

Tritanomaly

74, 5.438, 294.544

Monochromacy



Original Color

74, 1.666, 277.587

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, 1.666, 277.587 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 182, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 182, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 1.666, 277.587 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, 185) }
```

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

```
.border{ border-color:rgb(181, 182, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 182,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 1.666, 277.587 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, 185) }
```

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

```
.background{ background-color: rgb(181,  
182, 185) }
```

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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