

Converting Colors

CIELCh(74, 2.333, 260.562)

Have a look what the booklet for
CIELCh(74, 2.333, 260.562) contains.

CIELCh(74, 2.419, 263.334)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 2.419, 263.334)

Conversions

Conversions Part 1

Format	Color
Hex	B3B6BA
RGB	179, 182, 186
RGB Percent	70%, 71%, 73%
CMY	0.2972, 0.2854, 0.2698
CMYK	0.04, 0.02, 0.00, 0.27
HSL	214°, 5%, 72%
HSV	214°, 4%, 73%
XYZ	44.2944, 46.7039, 53.2516
YIQ	181.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

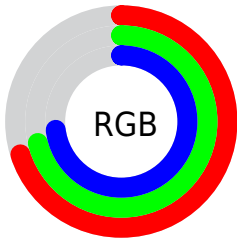
Format	Color
R_{YB}	179, 181, 186
Decimal	11777722
CIE _{Lab}	74.00, -0.28, -2.40
CIE _{LCh}	74, 2.419, 263.334
Yxy	46.7039, 0.3071, 0.3238
Android (android.graphics.Color)	4289967802 (0xFFB3B6BA)
YUV	181.5590, 2.1894, -2.2442
Hunter-Lab	68.3403, -3.9017, 1.6387

Details

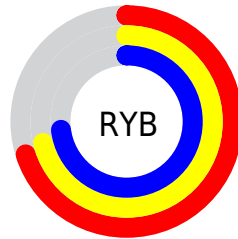
The CIELCh color $74, 2.419, 263.334$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 2.416, 82.108$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 2.304, 263.262$, and $54, 2.571, 263.481$ is the 20% darker color. If you saturate the color by 10%, you get $70, 8.842, 264.616$, and if you desaturate by 10%, it is $78, 3.983, 81.886$.

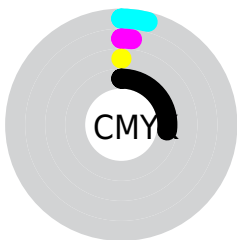
Distribution



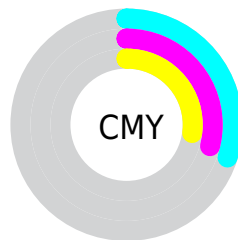
- Red (70%)
- Green (71%)
- Blue (73%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 2.419, 263.334 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, 2.419, 263.334 by changing the saturation by 10% instead.

■ 74, 2.419, 263.334

■ 74, 2.419, 263.334

■ 100, 2.419,
263.334

■ 64, 2.419, 263.334

■ 94, 2.419, 263.334

■ 54, 2.419, 263.334

■ 44, 2.419, 263.334

■ 34, 2.419, 263.334

■ 24, 2.419, 263.334

■ 14, 2.419, 263.334

■ 4, 2.419, 263.334

■ 0, 2.419, 263.334

■ 74, 2.419, 263.334

■ 74, 2.419, 263.334

70, 8.842, 264.616

78, 3.983, 81.886

66, 15.277,
266.258

82, 10.349, 80.887

61, 21.712,
268.200

87, 16.667, 79.991

57, 28.143,
270.489

91, 22.930, 79.202

53, 34.579,
273.171

96, 30.510,
101.291

49, 41.043,
276.280

99, 34.585,
107.543

45, 47.583,
279.813

42, 54.256,
283.708

38, 61.105,
287.823

Harmonies

Complementary

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



74, 2.419, 263.334



75, 2.416, 82.108

Rectangle

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



74, 2.419, 263.334



74, 2.419, 313.334



74, 2.419, 83.334



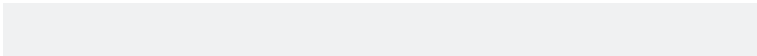
74, 2.419, 133.334

Sweetspot

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



74, 2.418, 263.293



95, 0.803, 263.269



75, 3.077, 167.220



51, 0.460, 263.286



98, 0.011, 296.813



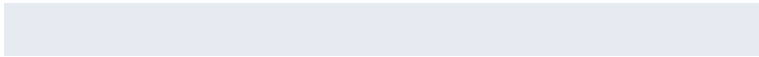
51, 0.007, 296.813

Same Dimension

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



74, 2.418, 263.293



93, 3.979, 263.435



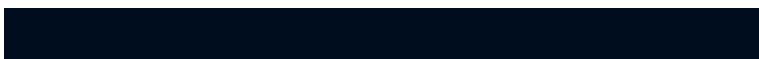
73, 3.811, 293.135



39, 2.209, 263.498



31, 57.259, 289.754



4, 12.379, 273.587

Inverse Universe

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



74, 3.098, 347.854



92, 5.109, 348.004



75, 3.764, 112.474



38, 2.838, 348.061



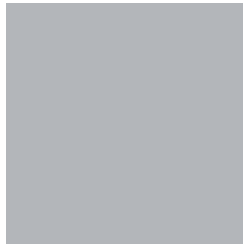
33, 59.087, 8.198



3, 13.459, 355.714

Previews

White Background



This preview shows how the CIE LCh color 74, 2.419, 263.334 looks on a white background.

Color Contrast Check

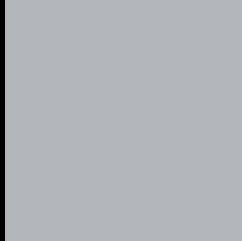
Large Text (above 18pt) WCAG AA × Fail

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, 2.419, 263.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

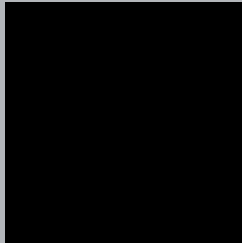
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 2.419, 263.334

Background



This preview shows how black text looks on a background with the CIELCh color 74, 2.419, 263.334.

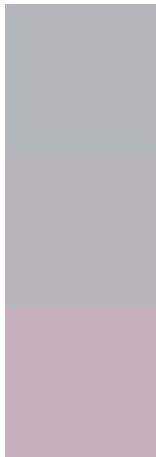


This preview shows how white text looks on a background with the CIELCh color 74, 2.419, 263.334.

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

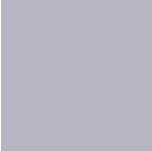
74, 2.419, 263.334

Protanopia

74, 2.453, 317.311

Deuteranopia

74, 9.873, 343.222



Tritanopia
74, 7.586, 290.907

Trichromacy



Original Color

74, 2.419, 263.334

Protanomaly

74, 2.210, 300.029

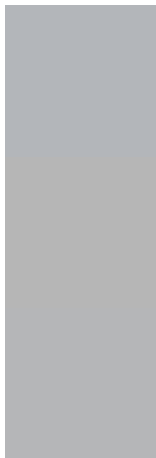
Deuteranomaly

74, 6.896, 335.012

Tritanomaly

74, 5.968, 287.275

Monochromacy



Original Color

74, 2.419, 263.334

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, 2.419, 263.334 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(179, 182, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 182, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 2.419, 263.334 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, 186) }
```

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

```
.border{ border-color:rgb(179, 182, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 182, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 182, 186);  
box-shadow:4px 4px 4px 4px rgb(179, 182,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 2.419, 263.334 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, 186) }
```

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

```
.background{ background-color: rgb(179,  
182, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor