

Converting Colors

CIELCh(74, 4.944, 299.154)

Have a look what the booklet for
CIELCh(74, 4.944, 299.154) contains.

CIELCh(74, 4.944, 299.154)	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, 4.944, 299.154)

Conversions

Conversions Part 1

Format	Color
Hex	B7B5BE
RGB	183, 181, 190
RGB Percent	72%, 71%, 75%
CMY	0.2832, 0.2911, 0.2558
CMYK	0.04, 0.05, 0.00, 0.26
HSL	253°, 6%, 73%
HSV	253°, 5%, 74%
XYZ	45.2227, 46.7039, 55.2168
YIQ	182.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

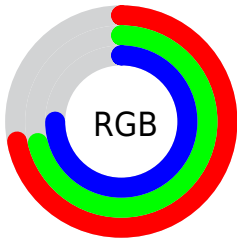
Format	Color
R_{YB}	183, 181, 190
Decimal	12039614
CIE _{Lab}	74.00, 2.41, -4.32
CIE _{LCh}	74, 4.944, 299.154
Yxy	46.7039, 0.3073, 0.3174
Android (android.graphics.Color)	4290229694 (0xFFB7B5BE)
YUV	182.6240, 3.6364, 0.3298
Hunter-Lab	68.3403, -1.4771, -0.0662

Details

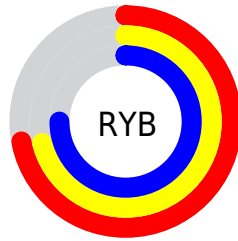
The CIELCh color $74, 4.944, 299.154$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 4.880, 118.538$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 4.703, 299.085$, and $54, 5.264, 299.269$ is the 20% darker color. If you saturate the color by 10%, you get $68, 15.641, 299.876$, and if you desaturate by 10%, it is $80, 5.364, 118.520$.

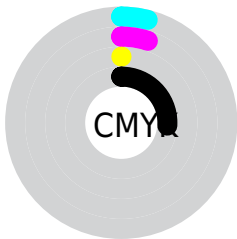
Distribution



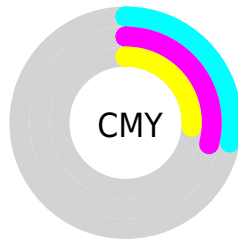
- Red (72%)
- Green (71%)
- Blue (75%)



- Red (72%)
- Yellow (71%)
- Blue (75%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 4.944, 299.154 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, 4.944, 299.154 by changing the saturation by 10% instead.

■ 74, 4.944, 299.154

■ 74, 4.944, 299.154

100, 4.944,
299.154

■ 64, 4.944, 299.154

■ 94, 4.944, 299.154

■ 54, 4.944, 299.154

■ 44, 4.944, 299.154

■ 34, 4.944, 299.154

■ 24, 4.944, 299.154

■ 14, 4.944, 299.154

■ 4, 4.944, 299.154

■ 0, 4.944, 299.154

■ 74, 4.944, 299.154

■ 74, 4.944, 299.154

68, 15.641,
299.876

80, 5.364, 118.520

62, 26.747,
300.714

86, 15.299,
117.973

56, 38.257,
301.665

92, 24.884,
117.504

50, 50.132,
302.725

98, 33.246,
116.299

44, 62.248,
303.871

99, 32.821,
107.679

38, 74.319,
305.047

33, 85.768,
306.141

29, 95.600,
306.977

26, 102.524,

Harmonies

Complementary

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



74, 4.944, 299.154



77, 4.880, 118.538

Rectangle

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



74, 4.944, 299.154



74, 4.944, 349.154



74, 4.944, 119.154



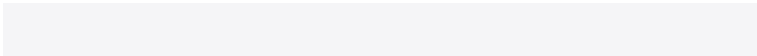
74, 4.944, 169.154

Sweetspot

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



74, 4.942, 299.144



97, 1.293, 298.884



76, 2.762, 221.769



52, 0.741, 298.880



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 4.942, 299.144



93, 7.775, 299.238



74, 5.446, 316.422



38, 4.129, 299.269



19, 91.828, 307.542



1, 17.572, 296.800

Inverse Universe

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



75, 5.073, 331.543



94, 7.971, 331.642



76, 5.413, 136.094



38, 4.231, 331.673



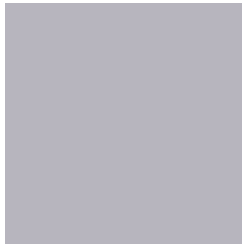
35, 68.255, 339.358



3, 17.257, 335.402

Previews

White Background



This preview shows how the CIELCh color 74, 4.944, 299.154 looks on a white background.

Color Contrast Check

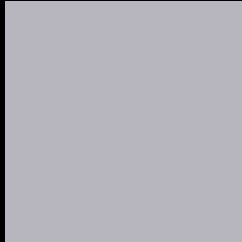
Large Text (above 18pt) WCAG AA × Fail

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, 4.944, 299.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

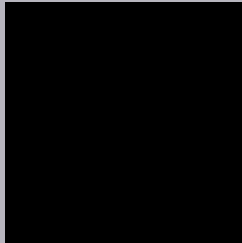
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

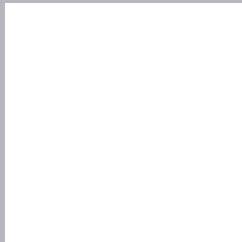
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 4.944, 299.154

Background



This preview shows how black text looks on a background with the CIELCh color 74, 4.944, 299.154.



This preview shows how white text looks on a background with the CIELCh color 74, 4.944, 299.154.

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, 4.944, 299.154

Protanopia

74, 4.944, 299.154

Deuteranopia

74, 10.785, 331.478



Tritanopia
74, 7.685, 299.030

Trichromacy



Original Color
74, 4.944, 299.154

Protanomaly
74, 4.944, 299.154

Deuteranomaly
74, 8.560, 324.782

Tritanomaly
74, 6.615, 300.299

Monochromacy



Original Color
74, 4.944, 299.154

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.631, 290.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 4.944, 299.154 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(183, 181, 190)` looks like.

```
.text, #text, p{  
    color:rgb(183, 181, 190)  
}
```

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(183, 181, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 181, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 4.944, 299.154 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(183, 181, 190) }
```

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

```
.border{ border-color:rgb(183, 181, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 181, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 181, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 181, 190);  
box-shadow:4px 4px 4px 4px rgb(183, 181,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 4.944, 299.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 181, 190) }
```

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

```
.background{ background-color: rgb(183,  
181, 190) }
```

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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