

Converting Colors

CIELCh(74, 1.554, 24.362)

Have a look what the booklet for
CIELCh(74, 1.554, 24.362) contains.

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Color

CIELCh(74, 1.496, 19.187)

Conversions

Conversions Part 1

Format	Color
Hex	B9B5B5
RGB	185, 181, 181
RGB Percent	73%, 71%, 71%
CMY	0.2745, 0.2901, 0.2902
CMYK	0.00, 0.02, 0.02, 0.27
HSL	0°, 3%, 72%
HSV	0°, 2%, 73%
XYZ	44.8775, 46.7039, 50.3708
YIQ	182.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

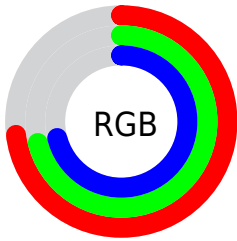
Format	Color
RYB	185, 181, 181
Decimal	12170677
CIELab	74.00, 1.41, 0.49
CIELCh	74, 1.496, 19.187
Yxy	46.7039, 0.3161, 0.3290
Android (android.graphics.Color)	4290360757 (0xFFB9B5B5)
YUV	182.1960, -0.5896, 2.4591
Hunter-Lab	68.3403, -2.3786, 4.1380

Details

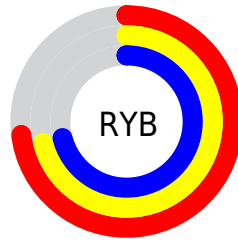
The CIELCh color **74, 1.496, 19.187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 1.473, 199.707**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 1.421, 19.060**, and **54, 1.596, 19.326** is the 20% darker color. If you saturate the color by 10%, you get **69, 8.738, 20.203**, and if you desaturate by 10%, it is **79, 5.206, 199.183**.

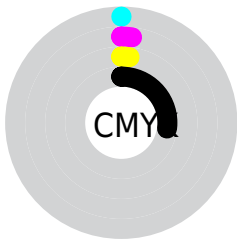
Distribution



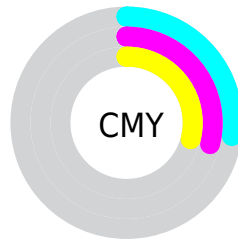
- Red (73%)
- Green (71%)
- Blue (71%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 1.496, 19.187 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, 1.496, 19.187 by changing the saturation by 10% instead.

■ 74, 1.496, 19.187 ■ 74, 1.496, 19.187

100, 1.496, 19.187 ■ 64, 1.496, 19.187

■ 94, 1.496, 19.187 ■ 54, 1.496, 19.187

■ 44, 1.496, 19.187

■ 34, 1.496, 19.187

■ 24, 1.496, 19.187

■ 14, 1.496, 19.187

■ 4, 1.496, 19.187

■ 0, 1.496, 19.187

■ 74, 1.496, 19.187 ■ 74, 1.496, 19.187

69, 8.738, 20.203

79, 5.206, 199.183

64, 16.554, 21.083

85, 11.411,
198.718

59, 24.940, 22.201

90, 17.172,
198.375

54, 33.841, 23.654

50, 43.127, 25.546

96, 22.541,
198.081

46, 52.579, 27.982

96, 22.555,
198.027

43, 61.885, 31.014

40, 70.592, 34.502

39, 77.808, 37.842

Harmonies

Complementary

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



74, 1.496, 19.187



75, 1.473, 199.707

Rectangle

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



74, 1.496, 19.187



74, 1.496, 69.187



74, 1.496, 199.187



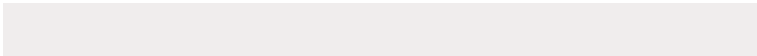
74, 1.496, 249.187

Sweetspot

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



74, 1.495, 19.253



94, 0.850, 18.791



74, 2.646, 324.467



50, 0.483, 18.747



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, 1.495, 19.253



93, 2.568, 19.407



75, 1.299, 74.895



38, 1.566, 19.494



32, 71.859, 39.610



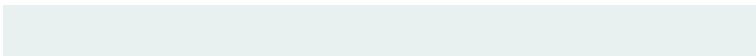
2, 10.632, 19.454

Inverse Universe

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



75, 1.473, 199.707



94, 2.518, 199.557



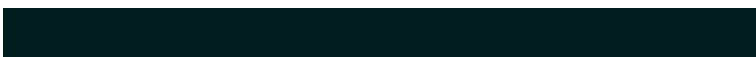
74, 1.306, 255.945



39, 1.529, 199.474



58, 34.604, 196.508



8, 10.505, 197.843

Previews

White Background



This preview shows how the CIELCh color 74, 1.496, 19.187 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, 1.496, 19.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

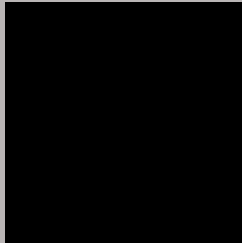
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

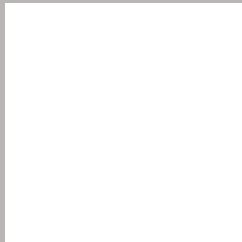
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 1.496, 19.187

Background



This preview shows how black text looks on a background with the CIELCh color 74, 1.496, 19.187.

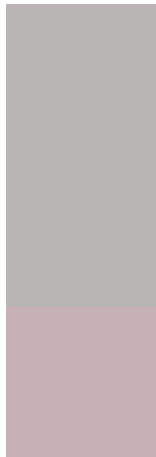


This preview shows how white text looks on a background with the CIELCh color 74, 1.496, 19.187.

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, 1.496, 19.187

Protanopia

74, 1.496, 19.187

Deuteranopia

74, 9.286, 359.791



Tritanopia
74, 8.170, 311.810

Trichromacy



Original Color

74, 1.496, 19.187

Protanomaly

74, 1.496, 19.187

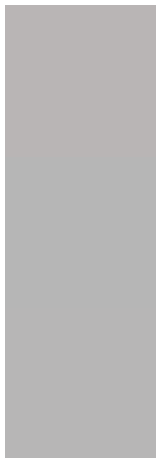
Deuteranomaly

74, 6.411, 0.218

Tritanomaly

74, 5.382, 314.833

Monochromacy



Original Color

74, 1.496, 19.187

Achromatopsia

74, 0.009, 296.813

Achromatomaly

74, 0.373, 18.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 1.496, 19.187 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(185, 181, 181)` looks like.

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

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(185, 181, 181) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 74, 1.496, 19.187 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(185, 181, 181) }
```

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

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

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

Here you see how a box with a 4 pixel `rgb(185, 181, 181)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 74, 1.496, 19.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 181, 181) }
```

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

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

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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