

Converting Colors

CIELCh(74, 4.485, 18.824)

Have a look what the booklet for
CIELCh(74, 4.485, 18.824) contains.

| | |
|--|----|
| CIELCh(74, 4.531, 19.672) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 20 |
| <i>Color Blindness Simulation</i> | 23 |
| <i>CSS Examples</i> | 26 |

Color

CIELCh(74, 4.531, 19.672)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------------|
| Hex | BFB3B3 |
| RGB | 191, 179, 179 |
| RGB Percent | 75%, 70%, 70% |
| CMY | 0.2501, 0.2971, 0.2971 |
| CMYK | 0.00, 0.06, 0.06, 0.25 |
| HSL | 0°, 9%, 73% |
| HSV | 0°, 6%, 75% |
| XYZ | 45.8715, 46.7039, 49.3678 |
| YIQ | 182.5880, 7.1520, 2.5440 |

Conversions

Conversions Part 2

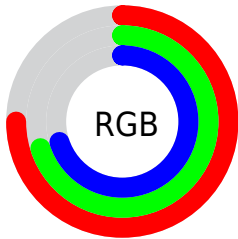
| Format | Color |
|-------------------------------------|--|
| RYB | 191, 179, 179 |
| Decimal | 12563379 |
| CIELab | 74.00, 4.27, 1.53 |
| CIElCh | 74, 4.531, 19.672 |
| Yxy | 46.7039, 0.3232, 0.3290 |
| Android (android.graphics.Color) | 4290753459 (0xFFBFB3B3) |
| YUV | 182.5880, -1.7689, 7.3773 |
| Hunter-Lab | 68.3403, 0.2177, 5.0082 |

Details

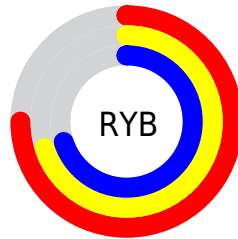
The CIELCh color $74, 4.531, 19.672$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 4.356, 199.210$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 4.295, 19.553$, and $54, 4.852, 19.849$ is the 20% darker color. If you saturate the color by 10%, you get $69, 12.216, 20.506$, and if you desaturate by 10%, it is $79, 2.582, 199.444$.

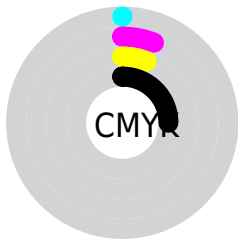
Distribution



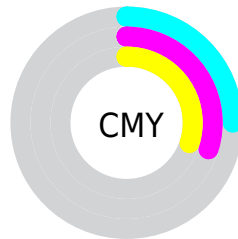
- Red (75%)
- Green (70%)
- Blue (70%)



- Red (75%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (25%)




- Cyan (25%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 4.531, 19.672 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, 4.531, 19.672 by changing the saturation by 10% instead.

 74, 4.531, 19.672  74, 4.531, 19.672

 100, 4.531, 19.672  64, 4.531, 19.672

 94, 4.531, 19.672  54, 4.531, 19.672

 44, 4.531, 19.672

 34, 4.531, 19.672

 24, 4.531, 19.672

 14, 4.531, 19.672

 4, 4.531, 19.672

 0, 4.531, 19.672

 74, 4.531, 19.672  74, 4.531, 19.672

69, 12.216, 20.506

79, 2.582, 199.444

63, 20.495, 21.477

85, 9.162, 198.842

58, 29.346, 22.729

91, 15.263,
198.458

54, 38.680, 24.360

96, 20.736,
198.141

50, 48.326, 26.479

46, 58.017, 29.180

43, 67.383, 32.457

41, 75.825, 36.010

40, 82.109, 38.967

Harmonies

Complementary

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



74, 4.531, 19.672



77, 4.356, 199.210

Rectangle

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



74, 4.531, 19.672



74, 4.531, 69.672



74, 4.531, 199.672



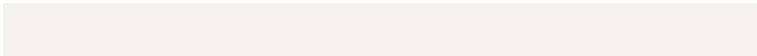
74, 4.531, 249.672

Sweetspot

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



74, 4.530, 19.695



96, 1.750, 19.181



74, 7.899, 324.751



52, 1.003, 19.156



99, 0.012, 296.813



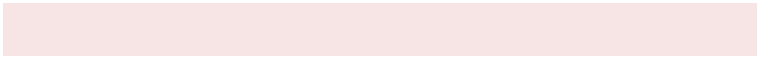
52, 0.007, 296.813

Same Dimension

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



74, 4.530, 19.695



92, 7.167, 19.845



76, 3.922, 74.575



37, 4.095, 19.941



32, 72.799, 39.669



3, 12.249, 19.422

Inverse Universe

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



77, 4.356, 199.210



96, 6.813, 199.084



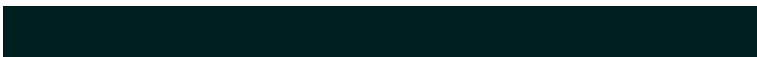
75, 3.875, 256.298



39, 3.862, 199.008



59, 35.045, 196.430



9, 11.659, 196.774

Previews

White Background



This preview shows how the CIELCh color 74, 4.531, 19.672 looks on a white background.

Color Contrast Check

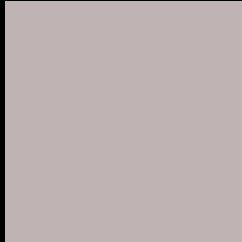
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 74, 4.531, 19.672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

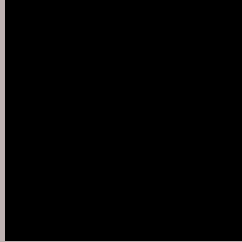
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 4.531, 19.672

Background



This preview shows how black text looks on a background with the CIELCh color 74, 4.531, 19.672.



This preview shows how white text looks on a background with the CIELCh color 74, 4.531, 19.672.

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, 4.531, 19.672

Protanopia

74, 1.585, 39.099

Deuteranopia

74, 9.370, 6.886



Tritanopia
74, 9.657, 328.497

Trichromacy



Original Color
74, 4.531, 19.672

Protanomaly
74, 2.628, 19.429

Deuteranomaly
74, 7.754, 7.984

Tritanomaly
74, 7.164, 337.164

Monochromacy



Original Color
74, 4.531, 19.672

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.494, 19.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 4.531, 19.672 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(191, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(191, 179, 179)  
}
```

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(191, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 179, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 4.531, 19.672 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(191, 179, 179) }
```

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

```
.border{ border-color:rgb(191, 179, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(191, 179,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 4.531, 19.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 179, 179) }
```

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

```
.background{ background-color: rgb(191,  
179, 179) }
```

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