

Converting Colors

CIELCh(74, 8.417, 118.423)

Have a look what the booklet for
CIELCh(74, 8.417, 118.423) contains.

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Color

CIELCh(74, 8.765, 119.381)

Conversions

Conversions Part 1

Format	Color
Hex	B4B8A8
RGB	180, 184, 168
RGB Percent	71%, 72%, 66%
CMY	0.2948, 0.2792, 0.3419
CMYK	0.02, 0.00, 0.09, 0.28
HSL	75°, 10%, 69%
HSV	75°, 9%, 72%
XYZ	42.9308, 46.7039, 43.7073
YIQ	180.9800, 2.7520, -5.8240

Conversions

Conversions Part 2

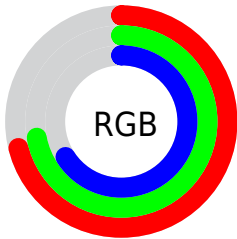
Format	Color
RYB	168, 184, 172
Decimal	11843752
CIELab	74.00, -4.30, 7.64
CIELCh	74, 8.765, 119.381
Yxy	46.7039, 0.3220, 0.3503
Android (android.graphics.Color)	4290033832 (0xFFB4B8A8)
YUV	180.9800, -6.3991, -0.8595
Hunter-Lab	68.3403, -7.4633, 9.9191

Details

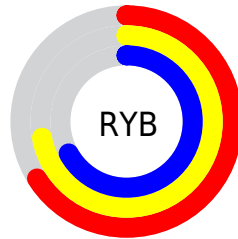
The CIELCh color $74, 8.765, 119.381$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70, 8.929, 300.470$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 8.843, 118.901$, and $54, 8.764, 119.882$ is the 20% darker color. If you saturate the color by 10%, you get $73, 18.810, 118.759$, and if you desaturate by 10%, it is $75, 1.315, 299.972$.

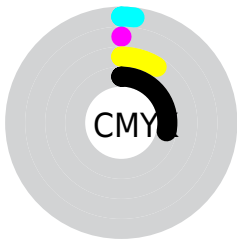
Distribution



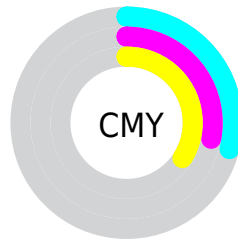
- Red (71%)
- Green (72%)
- Blue (66%)



- Red (66%)
- Yellow (72%)
- Blue (67%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 8.765, 119.381 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, 8.765, 119.381 by changing the saturation by 10% instead.

■ 74, 8.765, 119.381

■ 74, 8.765, 119.381

■ 100, 8.765,
119.381

■ 64, 8.765, 119.381

■ 94, 8.765, 119.381

■ 54, 8.765, 119.381

■ 44, 8.765, 119.381

■ 34, 8.765, 119.381

■ 24, 8.765, 119.381

■ 14, 8.765, 119.381

■ 4, 8.765, 119.381

■ 0, 8.765, 119.381

■ 74, 8.765, 119.381

■ 74, 8.765, 119.381

73, 18.810,
118.759

75, 1.315, 299.972

73, 28.745,
118.129

76, 11.387,
300.575

72, 38.468,
117.518

77, 21.415,
301.128

71, 47.824,
116.959

78, 31.371,
301.646

71, 56.585,
116.503

79, 38.768,
302.572

70, 64.419,
116.219

79, 39.018,
304.763

70, 70.901,
116.201

79, 39.321,
306.948

70, 75.592,
116.548

80, 39.676,
309.118

69, 78.450,

80, 40.084,
311.268

Harmonies

Complementary

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



74, 8.765, 119.381



70, 8.929, 300.470

Rectangle

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



74, 8.765, 119.381



74, 8.765, 169.381



74, 8.765, 299.381



74, 8.765, 349.381

Sweetspot

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



74, 8.767, 119.388



94, 3.743, 119.741



71, 5.084, 44.953



50, 2.837, 119.690



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, 8.767, 119.388



94, 12.495, 119.296



73, 9.806, 136.934



39, 5.700, 119.348



59, 69.580, 117.213



9, 15.833, 123.491

Inverse Universe

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



70, 8.929, 300.470



87, 12.759, 300.571



70, 9.870, 317.643



36, 5.812, 300.513



19, 90.354, 307.844



1, 15.533, 297.499

Previews

White Background



This preview shows how the CIELCh color 74, 8.765, 119.381 looks on a white background.

Color Contrast Check

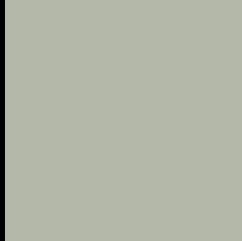
Large Text (above 18pt) WCAG AA × Fail

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, 8.765, 119.381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

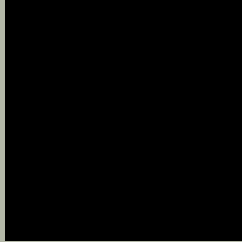
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

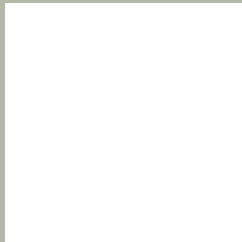
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 8.765, 119.381

Background



This preview shows how black text looks on a background with the CIELCh color 74, 8.765, 119.381.

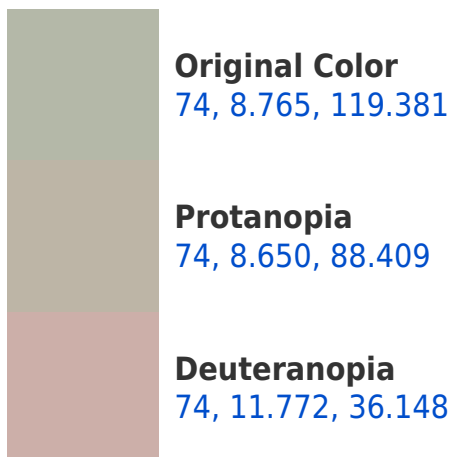



This preview shows how white text looks on a background with the CIELCh color 74, 8.765, 119.381.

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](#).

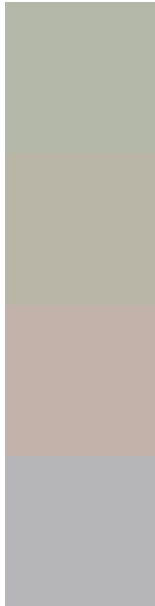
Dichromacy





Tritanopia
74, 7.749, 301.688

Trichromacy



Original Color
74, 8.765, 119.381

Protanomaly
74, 8.221, 98.589

Deuteranomaly
74, 8.176, 56.131

Tritanomaly
74, 1.679, 303.100

Monochromacy



Original Color
74, 8.765, 119.381

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.259, 116.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 8.765, 119.381 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(180, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(180, 184, 168)  
}
```

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(180, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 184, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 8.765, 119.381 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(180, 184, 168) }
```

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

```
.border{ border-color:rgb(180, 184, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 184, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(180, 184,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 8.765, 119.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 184, 168) }
```

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

```
.background{ background-color: rgb(180,  
184, 168) }
```

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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