

Converting Colors

CIELCh(74, 5.615, 120.953)

Have a look what the booklet for
CIELCh(74, 5.615, 120.953) contains.

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Color

CIELCh(74, 5.520, 121.505)

Conversions

Conversions Part 1

Format	Color
Hex	B4B7AD
RGB	180, 183, 173
RGB Percent	71%, 72%, 68%
CMY	0.2933, 0.2815, 0.3208
CMYK	0.02, 0.00, 0.05, 0.28
HSL	78°, 7%, 70%
HSV	78°, 5%, 72%
XYZ	43.4078, 46.7039, 46.3645
YIQ	180.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

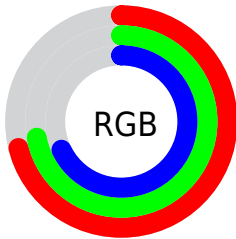
Format	Color
RYB	173, 183, 176
Decimal	11843501
CIELab	74.00, -2.88, 4.71
CIELCh	74, 5.520, 121.505
Yxy	46.7039, 0.3181, 0.3422
Android (android.graphics.Color)	4290033581 (0xFFB4B7AD)
YUV	180.9630, -3.9258, -0.8446
Hunter-Lab	68.3403, -6.2174, 7.6137

Details

The CIELCh color `74, 5.520, 121.505` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71, 5.593, 302.115`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 5.751, 120.507`, and `54, 5.319, 122.700` is the 20% darker color. If you saturate the color by 10%, you get `73, 15.635, 120.936`, and if you desaturate by 10%, it is `75, 4.602, 302.048`.

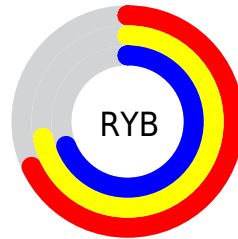
Distribution



Red (71%)

Green (72%)

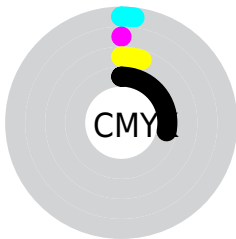
Blue (68%)



Red (68%)

Yellow (72%)

Blue (69%)

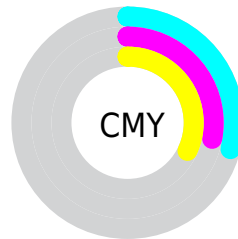


Cyan (2%)

Magenta (0%)

Yellow (5%)

Black (28%)



Cyan (29%)

Magenta (28%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.520, 121.505 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, 5.520, 121.505 by changing the saturation by 10% instead.

■ 74, 5.520, 121.505

■ 74, 5.520, 121.505

■ 100, 5.520,
121.505

■ 64, 5.520, 121.505

■ 94, 5.520, 121.505

■ 54, 5.520, 121.505

■ 44, 5.520, 121.505

■ 34, 5.520, 121.505

■ 24, 5.520, 121.505

■ 14, 5.520, 121.505

■ 4, 5.520, 121.505

■ 0, 5.520, 121.505

■ 74, 5.520, 121.505

■ 74, 5.520, 121.505

73, 15.635,
120.936

75, 4.602, 302.048

72, 25.674,
120.351

76, 14.694,
302.578

72, 35.547,
119.776

77, 24.720,
303.069

71, 45.119,
119.241

78, 34.657,
303.526

70, 54.190,
118.791

79, 39.410,
305.115

70, 62.466,
118.494

79, 39.786,
307.700

69, 69.553,
118.440

80, 40.236,
310.262

69, 75.004,
118.738

80, 40.760,
312.793

69, 78.504,

81, 41.357,
315.281

119.478

Harmonies

Complementary

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



74, 5.520, 121.505



71, 5.593, 302.115

Rectangle

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



74, 5.520, 121.505



74, 5.520, 171.505



74, 5.520, 301.505



74, 5.520, 351.505

Sweetspot

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



74, 5.522, 121.514



94, 2.487, 121.720



72, 3.101, 51.051



50, 1.425, 121.727



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, 5.522, 121.514



93, 8.732, 121.419



74, 6.213, 138.600



39, 4.592, 121.398



59, 70.579, 119.700



9, 16.037, 125.803

Inverse Universe

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



71, 5.593, 302.115



89, 8.864, 302.216



72, 6.244, 319.018



36, 4.664, 302.238



20, 89.622, 308.450



1, 15.592, 298.917

Previews

White Background



This preview shows how the CIELCh color 74, 5.520, 121.505 looks on a white background.

Color Contrast Check

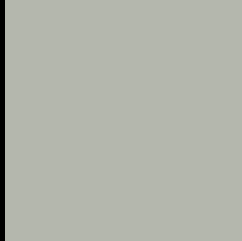
Large Text (above 18pt) WCAG AA × Fail

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, 5.520, 121.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

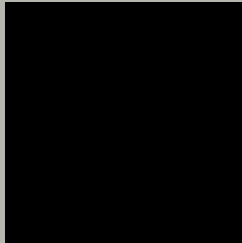
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

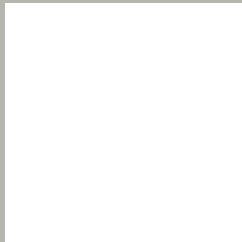
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 5.520, 121.505

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.520, 121.505.



This preview shows how white text looks on a background with the CIELCh color 74, 5.520, 121.505.

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, 5.520, 121.505

Protanopia

74, 5.352, 84.366

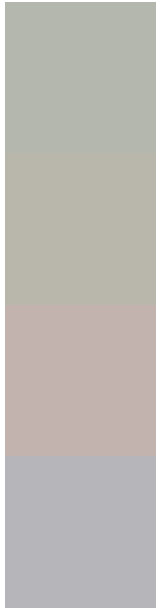
Deuteranopia

74, 10.007, 23.272



Tritanopia
74, 7.685, 299.030

Trichromacy



Original Color
74, 5.520, 121.505

Protanomaly
74, 5.501, 97.659

Deuteranomaly
74, 6.333, 44.905

Tritanomaly
74, 2.745, 298.170

Monochromacy



Original Color
74, 5.520, 121.505

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.190, 119.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 5.520, 121.505 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, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(180, 183, 173)  
}
```

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, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 183, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.520, 121.505 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, 183, 173) }
```

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

```
.border{ border-color:rgb(180, 183, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 183, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(180, 183,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.520, 121.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 183, 173) }
```

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

```
.background{ background-color: rgb(180,  
183, 173) }
```

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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