

Converting Colors

CIELCh(74, 7.713, 120.825)

Have a look what the booklet for
CIELCh(74, 7.713, 120.825) contains.

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Color

CIELCh(74, 7.707, 120.832)

Conversions

Conversions Part 1

Format	Color
Hex	B4B8AA
RGB	180, 184, 170
RGB Percent	71%, 72%, 67%
CMY	0.2954, 0.2797, 0.3346
CMYK	0.02, 0.00, 0.08, 0.28
HSL	77°, 9%, 69%
HSV	77°, 8%, 72%
XYZ	43.0485, 46.7039, 44.6199
YIQ	181.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

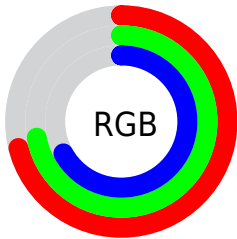
Format	Color
RYB	170, 184, 174
Decimal	11843754
CIELab	74.00, -3.95, 6.62
CIELCh	74, 7.707, 120.832
Yxy	46.7039, 0.3204, 0.3476
Android (android.graphics.Color)	4290033834 (0xFFB4B8AA)
YUV	181.2080, -5.5255, -1.0594
Hunter-Lab	68.3403, -7.1559, 9.1273

Details

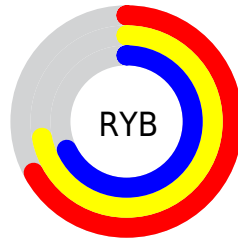
The CIELCh color `74, 7.707, 120.832` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `70, 7.833, 301.720`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 7.834, 120.172`, and `54, 7.643, 121.559` is the 20% darker color. If you saturate the color by 10%, you get `73, 17.809, 120.246`, and if you desaturate by 10%, it is `75, 2.417, 301.388`.

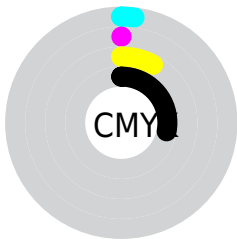
Distribution



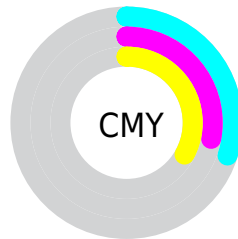
- Red (71%)
- Green (72%)
- Blue (67%)



- Red (67%)
- Yellow (72%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (28%)



- Cyan (30%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 7.707, 120.832 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, 7.707, 120.832 by changing the saturation by 10% instead.

■ 74, 7.707, 120.832

■ 74, 7.707, 120.832

■ 100, 7.707,
120.832

■ 64, 7.707, 120.832

■ 94, 7.707, 120.832

■ 54, 7.707, 120.832

■ 44, 7.707, 120.832

■ 34, 7.707, 120.832

■ 24, 7.707, 120.832

■ 14, 7.707, 120.832

■ 4, 7.707, 120.832

■ 0, 7.707, 120.832

■ 74, 7.707, 120.832

■ 74, 7.707, 120.832

73, 17.809,
120.246

75, 2.417, 301.388

72, 27.816,
119.649

76, 12.522,
301.945

72, 37.629,
119.068

77, 22.571,
302.458

71, 47.101,
118.535

78, 32.539,
302.936

71, 56.013,
118.099

79, 39.013,
304.113

70, 64.049,
117.832

79, 39.345,
306.605

70, 70.792,
117.828

80, 39.745,
309.080

69, 75.800,
118.195

80, 40.213,
311.529

69, 78.912,

81, 40.749,
313.944

118.982

Harmonies

Complementary

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



74, 7.707, 120.832



70, 7.833, 301.720

Rectangle

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



74, 7.707, 120.832



74, 7.707, 170.832



74, 7.707, 300.832



74, 7.707, 350.832

Sweetspot

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



74, 7.709, 120.839



94, 2.503, 121.176



72, 4.386, 48.949



50, 1.422, 121.183



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, 7.709, 120.839



94, 11.303, 120.749



73, 8.660, 137.994



39, 5.729, 120.738



59, 70.282, 119.005



9, 15.978, 125.162

Inverse Universe

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



70, 7.833, 301.720



88, 11.513, 301.818



71, 8.707, 318.616



36, 5.837, 301.830



20, 89.840, 308.265



1, 15.574, 298.513

Previews

White Background



This preview shows how the CIELCh color 74, 7.707, 120.832 looks on a white background.

Color Contrast Check

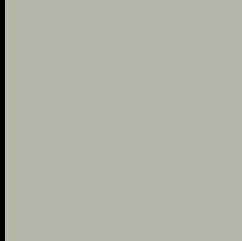
Large Text (above 18pt) WCAG AA × Fail

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, 7.707, 120.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

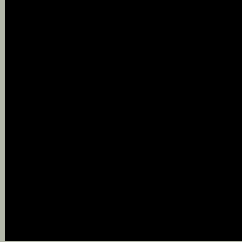
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

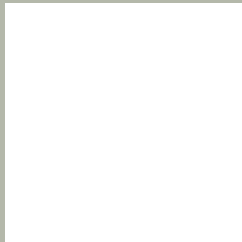
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 7.707, 120.832

Background



This preview shows how black text looks on a background with the CIELCh color 74, 7.707, 120.832.




This preview shows how white text looks on a background with the CIELCh color 74, 7.707, 120.832.

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, 7.685, 299.030

Trichromacy



Original Color
74, 7.707, 120.832

Protanomaly
74, 7.093, 100.166

Deuteranomaly
74, 7.520, 54.678

Tritanomaly
74, 2.210, 300.029

Monochromacy



Original Color
74, 7.707, 120.832

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.724, 117.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 7.707, 120.832 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(180, 184, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 184, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 7.707, 120.832 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, 170) }
```

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

```
.border{ border-color:rgb(180, 184, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 184, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 184, 170);  
box-shadow:4px 4px 4px 4px rgb(180, 184,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 7.707, 120.832 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, 170) }
```

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

```
.background{ background-color: rgb(180,  
184, 170) }
```

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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