

Converting Colors

CIELCh(74, 10.225, 121.676)

Have a look what the booklet for
CIELCh(74, 10.225, 121.676)
contains.

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Color

CIELCh(74, 9.898, 120.396)

Conversions

Conversions Part 1

Format	Color
Hex	B3B8A6
RGB	179, 184, 166
RGB Percent	70%, 72%, 65%
CMY	0.2974, 0.2778, 0.3484
CMYK	0.03, 0.00, 0.10, 0.28
HSL	77°, 11%, 69%
HSV	77°, 10%, 72%
XYZ	42.6936, 46.7039, 42.9123
YIQ	180.4530, 2.7980, -6.6580

Conversions

Conversions Part 2

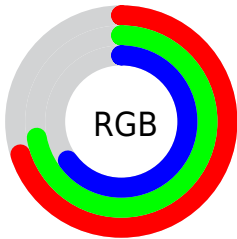
Format	Color
RYB	166, 184, 171
Decimal	11778214
CIELab	74.00, -5.01, 8.54
CIELCh	74, 9.898, 120.396
Yxy	46.7039, 0.3227, 0.3530
Android (android.graphics.Color)	4289968294 (0xFFB3B8A6)
YUV	180.4530, -7.1253, -1.2743
Hunter-Lab	68.3403, -8.0829, 10.6087

Details

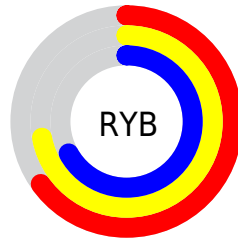
The CIELCh color $74, 9.898, 120.396$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69, 10.096, 301.565$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.920, 119.933$, and $54, 9.972, 120.863$ is the 20% darker color. If you saturate the color by 10%, you get $73, 19.994, 119.799$, and if you desaturate by 10%, it is $75, 0.235, 300.820$.

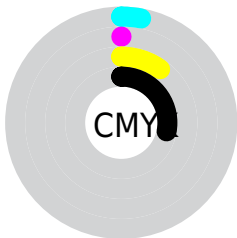
Distribution



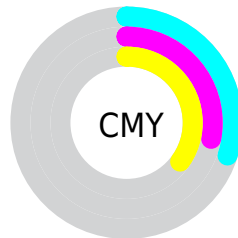
- Red (70%)
- Green (72%)
- Blue (65%)



- Red (65%)
- Yellow (72%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)



- Cyan (30%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 9.898, 120.396 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, 9.898, 120.396 by changing the saturation by 10% instead.

■ 74, 9.898, 120.396

■ 74, 9.898, 120.396

■ 100, 9.898,
120.396

■ 64, 9.898, 120.396

■ 94, 9.898, 120.396

■ 54, 9.898, 120.396

■ 44, 9.898, 120.396

■ 34, 9.898, 120.396

■ 24, 9.898, 120.396

■ 14, 9.898, 120.396

■ 4, 9.898, 120.396

■ 0, 9.898, 120.396

■ 74, 9.898, 120.396

■ 74, 9.898, 120.396

73, 19.994,
119.799

75, 0.235, 300.820

72, 29.975,
119.196

76, 10.358,
301.536

72, 39.733,
118.615

77, 20.434,
302.064

71, 49.108,
118.091

78, 30.435,
302.558

71, 57.861,
117.678

79, 38.660,
303.368

70, 65.650,
117.450

79, 38.964,
305.818

70, 72.043,
117.508

80, 39.334,
308.254

69, 76.613,
117.953

80, 39.769,
310.668

69, 79.456,

81, 40.269,
313.050

118.772

Harmonies

Complementary

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



74, 9.898, 120.396



69, 10.096, 301.565

Rectangle

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



74, 9.898, 120.396



74, 9.898, 170.396



74, 9.898, 300.396



74, 9.898, 350.396

Sweetspot

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



74, 9.900, 120.402



94, 3.757, 120.805



71, 5.711, 46.879



50, 2.848, 120.756



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, 9.900, 120.402



93, 15.051, 120.257



73, 11.092, 137.387



39, 5.722, 120.428



59, 70.120, 118.611



9, 15.945, 124.797

Inverse Universe

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



69, 10.096, 301.565



86, 15.416, 301.727



70, 11.164, 318.205



36, 5.831, 301.536



20, 89.959, 308.166



1, 15.565, 298.286

Previews

White Background



This preview shows how the CIELCh color 74, 9.898, 120.396 looks on a white background.

Color Contrast Check

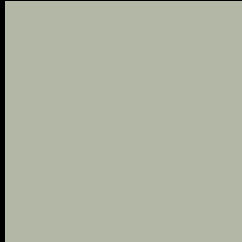
Large Text (above 18pt) WCAG AA × Fail

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, 9.898, 120.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

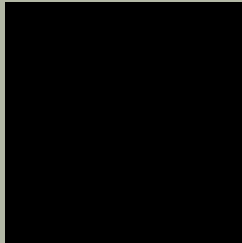
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

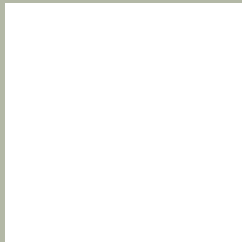
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 9.898, 120.396

Background



This preview shows how black text looks on a background with the CIELCh color 74, 9.898, 120.396.



This preview shows how white text looks on a background with the CIELCh color 74, 9.898, 120.396.

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, 9.898, 120.396

Protanopia

74, 9.158, 89.530

Deuteranopia

74, 11.958, 38.574



Tritanopia
74, 7.685, 299.030

Trichromacy



Original Color
74, 9.898, 120.396

Protanomaly
74, 9.229, 102.072

Deuteranomaly
74, 8.883, 61.566

Tritanomaly
74, 1.090, 290.336

Monochromacy



Original Color
74, 9.898, 120.396

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.329, 122.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 9.898, 120.396 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(179, 184, 166)` looks like.

```
.text, #text, p{  
    color:rgb(179, 184, 166)  
}
```

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(179, 184, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 184, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 9.898, 120.396 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(179, 184, 166) }
```

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

```
.border{ border-color:rgb(179, 184, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 184, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 184, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 184, 166);  
box-shadow:4px 4px 4px 4px rgb(179, 184,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 9.898, 120.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 184, 166) }
```

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

```
.background{ background-color: rgb(179,  
184, 166) }
```

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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