

Converting Colors

CIELCh(74, 27.595, 121.557)

Have a look what the booklet for
CIELCh(74, 27.595, 121.557)
contains.

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Color

CIELCh(74, 27.468, 121.068)

Conversions

Conversions Part 1

Format	Color
Hex	ACBC8A
RGB	172, 188, 138
RGB Percent	67%, 74%, 54%
CMY	0.3246, 0.2618, 0.4579
CMYK	0.09, 0.00, 0.27, 0.26
HSL	79°, 27%, 64%
HSV	79°, 27%, 74%
XYZ	39.7002, 46.7039, 31.0512
YIQ	177.5160, 6.5140, -18.9420

Conversions

Conversions Part 2

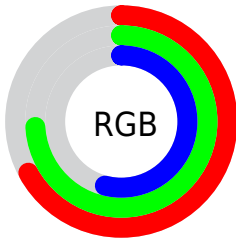
Format	Color
R_{YB}	138, 188, 154
Decimal	11320458
CIE _{Lab}	74.00, -14.17, 23.53
CIE _{LCh}	74, 27.468, 121.068
Yxy	46.7039, 0.3380, 0.3976
Android (android.graphics.Color)	4289510538 (0xFFACBC8A)
YUV	177.5160, -19.4814, -4.8375
Hunter-Lab	68.3403, -15.9013, 20.8991

Details

The CIELCh color $74, 27.468, 121.068$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $61, 28.899, 304.239$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 27.194, 120.865$, and $54, 27.435, 121.474$ is the 20% darker color. If you saturate the color by 10%, you get $73, 37.577, 120.513$, and if you desaturate by 10%, it is $75, 17.182, 121.640$.

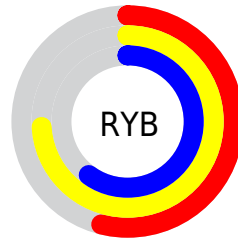
Distribution



Red (67%)

Green (74%)

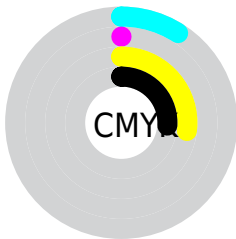
Blue (54%)



Red (54%)

Yellow (74%)

Blue (60%)

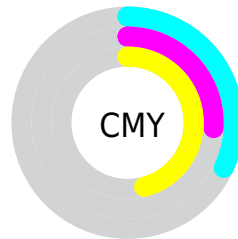


Cyan (9%)

Magenta (0%)

Yellow (27%)

Black (26%)



Cyan (32%)


Magenta (26%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 27.468, 121.068 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, 27.468, 121.068 by changing the saturation by 10% instead.

 74, 27.468,
121.068

 74, 27.468,
121.068


 100, 27.468,
121.068


 64, 27.468,
121.068


 94, 27.468,
121.068

 54, 27.468,
121.068

 44, 27.468,
121.068

 34, 27.468,
121.068

 24, 27.468,
121.068

 14, 27.468,
121.068

 4, 27.468, 121.068

0, 27.468, 121.068

74, 27.468,
121.068

74, 27.468,
121.068

73, 37.577,
120.513

75, 17.182,
121.640

73, 47.360,
120.000

76, 6.813, 122.204

72, 56.601,
119.579

77, 3.569, 302.719

78, 13.917,
303.239

71, 64.989,
119.322

79, 24.196,
303.717

71, 72.108,
119.326

80, 34.382,
304.160

70, 77.504,
119.704

81, 36.763,

■ 70, 80.917,
120.532

306.695

■ 70, 81.874,
120.853

■ 81, 37.252,
309.741

■ 82, 37.838,
312.737

Harmonies

Complementary

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



74, 27.468, 121.068



61, 28.899, 304.239

Rectangle

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



74, 27.468, 121.068



74, 27.468, 171.068



74, 27.468, 301.068



74, 27.468, 351.068

Sweetspot

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



74, 27.470, 121.070



96, 10.273, 122.116



66, 16.651, 51.814



51, 7.299, 122.031



98, 0.011, 296.813



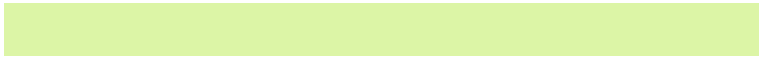
51, 0.007, 296.813

Same Dimension

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



74, 27.470, 121.070



93, 40.824, 120.736



72, 31.295, 137.922



40, 5.891, 122.047



60, 71.866, 120.656



10, 18.085, 126.038

Inverse Universe

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



61, 28.899, 304.239



73, 43.507, 304.693



63, 31.640, 320.487



37, 5.998, 303.079



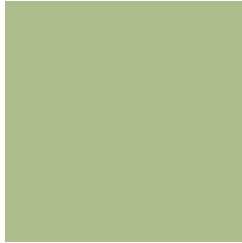
21, 90.399, 308.709



1, 17.694, 299.479

Previews

White Background



This preview shows how the CIELCh color 74, 27.468, 121.068 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, 27.468, 121.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

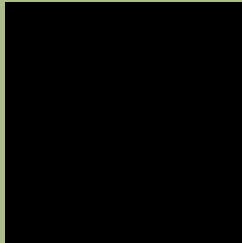
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 27.468, 121.068

Background



This preview shows how black text looks on a background with the CIELCh color 74, 27.468, 121.068.



This preview shows how white text looks on a background with the CIELCh color 74, 27.468, 121.068.

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, 27.468, 121.068

Protanopia

74, 25.371, 94.643

Deuteranopia

74, 24.244, 66.833



Tritanopia
74, 7.589, 288.189

Trichromacy



Original Color
74, 27.468, 121.068

Protanomaly
74, 25.705, 104.957

Deuteranomaly
74, 22.439, 87.842

Tritanomaly
74, 6.027, 135.536

Monochromacy



Original Color
74, 27.468, 121.068

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 10.005, 122.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 27.468, 121.068 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(172, 188, 138)` looks like.

```
.text, #text, p{  
    color:rgb(172, 188, 138)  
}
```

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(172, 188, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 188, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 27.468, 121.068 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(172, 188, 138) }
```

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

```
.border{ border-color:rgb(172, 188, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 188, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 188, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 188, 138);  
box-shadow:4px 4px 4px 4px rgb(172, 188,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 27.468, 121.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 188, 138) }
```

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

```
.background{ background-color: rgb(172,  
188, 138) }
```

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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