

Converting Colors

CIELCh(74, 20.680, 120.612)

Have a look what the booklet for
CIELCh(74, 20.680, 120.612)
contains.

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Color

CIELCh(74, 20.927, 121.261)

Conversions

Conversions Part 1

Format	Color
Hex	AFBB95
RGB	175, 187, 149
RGB Percent	69%, 73%, 58%
CMY	0.3145, 0.2675, 0.4165
CMYK	0.06, 0.00, 0.20, 0.27
HSL	79°, 22%, 66%
HSV	79°, 20%, 73%
XYZ	40.7660, 46.7039, 35.2150
YIQ	179.0800, 5.0460, -14.3620

Conversions

Conversions Part 2

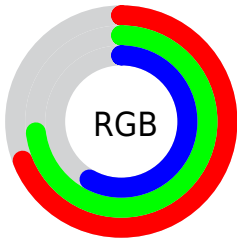
Format	Color
RYB	149, 187, 161
Decimal	11516821
CIELab	74.00, -10.86, 17.89
CIELCh	74, 20.927, 121.261
Yxy	46.7039, 0.3323, 0.3807
Android (android.graphics.Color)	4289706901 (0xFFAFBB95)
YUV	179.0800, -14.8294, -3.5782
Hunter-Lab	68.3403, -13.1175, 17.2867

Details

The CIELCh color **74, 20.927, 121.261** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 21.744, 303.647**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 20.934, 120.850**, and **54, 21.102, 121.619** is the 20% darker color. If you saturate the color by 10%, you get **73, 31.090, 120.693**, and if you desaturate by 10%, it is **75, 10.654, 121.834**.

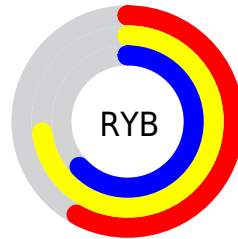
Distribution



Red (69%)

Green (73%)

Blue (58%)



Red (58%)

Yellow (73%)

Blue (63%)

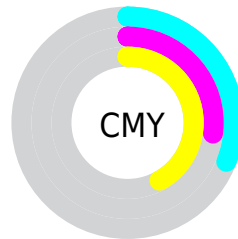


Cyan (6%)

Magenta (0%)

Yellow (20%)

Black (27%)



Cyan (31%)


Magenta (27%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 20.927, 121.261 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, 20.927, 121.261 by changing the saturation by 10% instead.


 74, 20.927,
121.261


 74, 20.927,
121.261


 100, 20.927,
121.261


 64, 20.927,
121.261


 94, 20.927,
121.261

 54, 20.927,
121.261

 44, 20.927,
121.261

 34, 20.927,
121.261

 24, 20.927,
121.261

 14, 20.927,
121.261

 4, 20.927, 121.261

■ 0, 20.927, 121.261

■ 74, 20.927,
121.261

■ 74, 20.927,
121.261

■ 73, 31.090,
120.693

■ 75, 10.654,
121.834

■ 72, 41.024,
120.145

■ 76, 0.342, 122.530

■ 72, 50.564,
119.657

■ 77, 9.953, 302.898

■ 71, 59.462,
119.284

■ 78, 20.192,
303.393

■ 71, 67.368,
119.109

■ 79, 30.348,
303.853

■ 70, 73.841,
119.235

■ 80, 37.364,
305.075

■ 80, 37.785,

■ 70, 78.458,
119.772

308.008

■ 69, 81.297,
120.650

■ 81, 38.298,
310.906

■ 81, 38.900,
313.756

Harmonies

Complementary

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



74, 20.927, 121.261



64, 21.744, 303.647

Rectangle

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



74, 20.927, 121.261



74, 20.927, 171.261



74, 20.927, 301.261



74, 20.927, 351.261

Sweetspot

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



74, 20.929, 121.264



95, 7.632, 122.074



68, 12.412, 50.268



51, 5.104, 122.037



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, 20.929, 121.264



93, 30.462, 121.032



73, 23.674, 137.817



40, 5.887, 121.889



60, 71.775, 120.463



10, 18.061, 125.845

Inverse Universe

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



64, 21.744, 303.647



78, 31.908, 303.936



65, 23.901, 319.700



37, 5.995, 302.928



21, 90.465, 308.651



1, 17.688, 299.367

Previews

White Background



This preview shows how the CIELCh color 74, 20.927, 121.261 looks on a white background.

Color Contrast Check

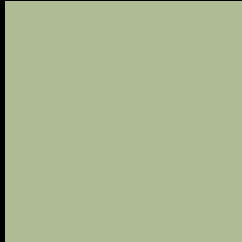
Large Text (above 18pt) WCAG AA × Fail

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, 20.927, 121.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

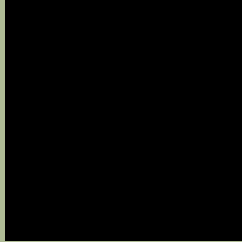
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

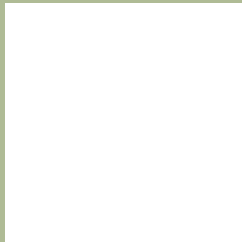
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 20.927, 121.261

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.927, 121.261.



This preview shows how white text looks on a background with the CIELCh color 74, 20.927, 121.261.

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

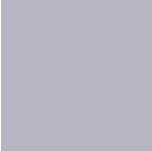
74, 20.927, 121.261

Protanopia

74, 19.450, 93.933

Deuteranopia

74, 19.347, 61.818



Tritanopia
74, 7.586, 290.907

Trichromacy



Original Color
74, 20.927, 121.261

Protanomaly
74, 19.370, 104.747

Deuteranomaly
74, 17.261, 83.868

Tritanomaly
74, 3.096, 138.756

Monochromacy



Original Color
74, 20.927, 121.261

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.812, 123.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.927, 121.261 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(175, 187, 149)` looks like.

```
.text, #text, p{  
    color:rgb(175, 187, 149)  
}
```

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(175, 187, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 187, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.927, 121.261 is called "border". The border property can be set on classes, ids or directly on the HTML element.

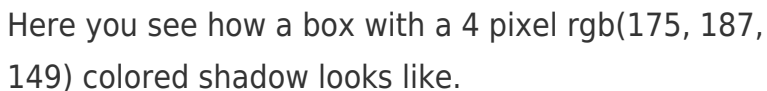
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 187, 149) }
```

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

```
.border{ border-color:rgb(175, 187, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 187, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 187, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 187, 149); box-shadow:4px 4px 4px 4px rgb(175, 187, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.927, 121.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 187, 149) }
```

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

```
.background{ background-color: rgb(175,  
187, 149) }
```

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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