

Converting Colors

CIELCh(74, 23.974, 124.885)

Have a look what the booklet for
CIELCh(74, 23.974, 124.885)
contains.

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Color

CIELCh(74, 24.122, 125.061)

Conversions

Conversions Part 1

Format	Color
Hex	AABC91
RGB	170, 188, 145
RGB Percent	67%, 74%, 57%
CMY	0.3323, 0.2617, 0.4304
CMYK	0.10, 0.00, 0.23, 0.26
HSL	85°, 24%, 65%
HSV	85°, 23%, 74%
XYZ	39.8017, 46.7039, 33.8058
YIQ	177.7160, 3.0750, -17.1890

Conversions

Conversions Part 2

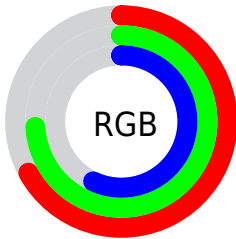
Format	Color
RYB	145, 188, 163
Decimal	11189393
CIELab	74.00, -13.86, 19.74
CIELCh	74, 24.122, 125.061
Yxy	46.7039, 0.3308, 0.3882
Android (android.graphics.Color)	4289379473 (0xFFAABC91)
YUV	177.7160, -16.1290, -6.7669
Hunter-Lab	68.3403, -15.6363, 18.5093

Details

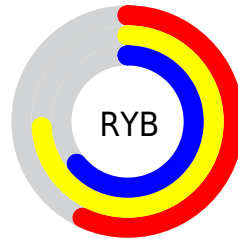
The CIELCh color $74, 24.122, 125.061$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $63, 25.027, 307.374$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 23.962, 124.576$, and $54, 24.504, 125.485$ is the 20% darker color. If you saturate the color by 10%, you get $73, 34.550, 124.557$, and if you desaturate by 10%, it is $75, 13.577, 125.568$.

Distribution



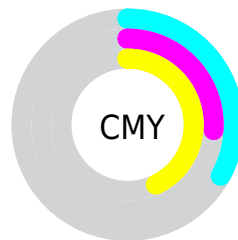
- Red (67%)
- Green (74%)
- Blue (57%)



- Red (57%)
- Yellow (74%)
- Blue (64%)



- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (26%)





- Cyan (33%)
- Magenta (26%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 24.122, 125.061 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, 24.122, 125.061 by changing the saturation by 10% instead.


 74, 24.122,
125.061

 74, 24.122,
125.061


 100, 24.122,
125.061


 64, 24.122,
125.061


 94, 24.122,
125.061

 54, 24.122,
125.061

 44, 24.122,
125.061

 34, 24.122,
125.061

 24, 24.122,
125.061

 14, 24.122,
125.061

 4, 24.122, 125.061

0, 24.122, 125.061

74, 24.122,
125.061

74, 24.122,
125.061

73, 34.550,
124.557

75, 13.577,
125.568

72, 44.728,
124.076

76, 2.999, 126.073

72, 54.468,
123.661

77, 7.548, 306.487

71, 63.497,
123.380

78, 18.019,
306.916

70, 71.438,
123.326

80, 28.383,
307.305

70, 77.838,
123.619

81, 36.989,
308.282

81, 37.715,

■ 69, 82.309,
124.371

312.226

■ 69, 84.560,
125.116

■ 82, 38.605,
316.064

■ 83, 39.651,
319.769

Harmonies

Complementary

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



74, 24.122, 125.061



63, 25.027, 307.374

Rectangle

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



74, 24.122, 125.061



74, 24.122, 175.061



74, 24.122, 305.061



74, 24.122, 355.061

Sweetspot

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



74, 24.124, 125.063



96, 9.149, 125.853



69, 14.181, 63.474



51, 5.943, 125.823



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, 24.124, 125.063



93, 35.239, 124.830



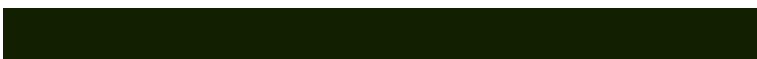
73, 27.783, 140.862



39, 5.998, 125.742



59, 74.178, 124.899



10, 18.660, 130.213

Inverse Universe

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



63, 25.027, 307.374



77, 36.853, 307.649



65, 27.901, 323.294



37, 6.093, 306.625



22, 88.689, 310.337



2, 17.870, 302.328

Previews

White Background



This preview shows how the CIELCh color 74, 24.122, 125.061 looks on a white background.

Color Contrast Check

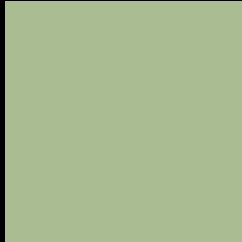
Large Text (above 18pt) WCAG AA × Fail

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, 24.122, 125.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

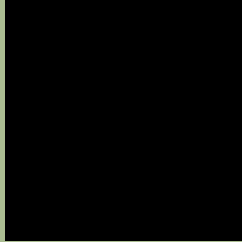
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 24.122, 125.061

Background



This preview shows how black text looks on a background with the CIELCh color 74, 24.122, 125.061.



This preview shows how white text looks on a background with the CIELCh color 74, 24.122, 125.061.

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](#).

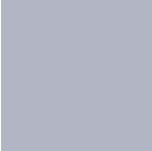
Dichromacy



Original Color
74, 24.122, 125.061

Protanopia
74, 21.635, 93.997

Deuteranopia
74, 20.843, 64.049



Tritanopia
74, 8.180, 283.412

Trichromacy



Original Color
74, 24.122, 125.061

Protanomaly
74, 21.980, 106.997

Deuteranomaly
74, 18.933, 88.497

Tritanomaly
74, 4.688, 155.395

Monochromacy



Original Color
74, 24.122, 125.061

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.069, 126.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 24.122, 125.061 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(170, 188, 145)` looks like.

```
.text, #text, p{  
    color:rgb(170, 188, 145)  
}
```

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(170, 188, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 188, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 24.122, 125.061 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(170, 188, 145) }
```

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

```
.border{ border-color:rgb(170, 188, 145) }
```

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

Here you see how a box with a 4 pixel rgb(170, 188, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 188, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 188, 145);  
box-shadow:4px 4px 4px 4px rgb(170, 188,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 24.122, 125.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 188, 145) }
```

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

```
.background{ background-color: rgb(170,  
188, 145) }
```

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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