

Converting Colors

CIELCh(74, 11.257, 13.677)

Have a look what the booklet for
CIELCh(74, 11.257, 13.677) contains.

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Color

CIELCh(74, 11.164, 14.808)

Conversions

Conversions Part 1

Format	Color
Hex	CCAFB1
RGB	204, 175, 177
RGB Percent	80%, 69%, 69%
CMY	0.1998, 0.3135, 0.3057
CMYK	0.00, 0.14, 0.13, 0.20
HSL	356°, 22%, 74%
HSV	356°, 14%, 80%
XYZ	48.1999, 46.7039, 48.0987
YIQ	183.8990, 16.6420, 6.7700

Conversions

Conversions Part 2

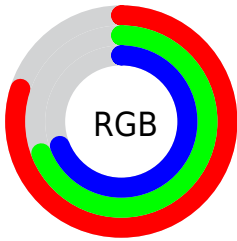
Format	Color
RYB	204, 175, 177
Decimal	13414321
CIELab	74.00, 10.79, 2.85
CIElCh	74, 11.164, 14.808
Yxy	46.7039, 0.3371, 0.3266
Android (android.graphics.Color)	4291604401 (0xFFCCAFB1)
YUV	183.8990, -3.4012, 17.6286
Hunter-Lab	68.3403, 6.2993, 6.1092

Details

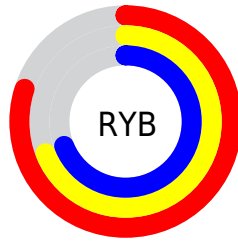
The CIELCh color $74, 11.164, 14.808$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $80, 10.313, 192.745$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 8.731, 13.206$, and $54, 11.125, 17.676$ is the 20% darker color. If you saturate the color by 10%, you get $68, 19.675, 15.894$, and if you desaturate by 10%, it is $80, 3.194, 13.841$.

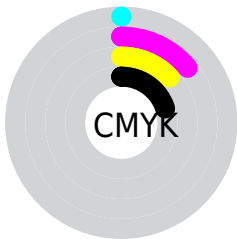
Distribution



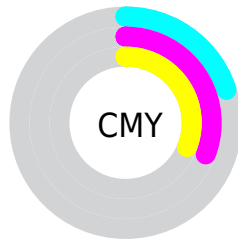
- Red (80%)
- Green (69%)
- Blue (69%)



- Red (80%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (20%)




- Cyan (20%)
- Magenta (31%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 11.164, 14.808 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, 11.164, 14.808 by changing the saturation by 10% instead.

 74, 11.164, 14.808

 74, 11.164, 14.808

 100, 11.164,
14.808

 64, 11.164, 14.808

 94, 11.164, 14.808

 54, 11.164, 14.808

 44, 11.164, 14.808

 34, 11.164, 14.808

 24, 11.164, 14.808

 14, 11.164, 14.808

 4, 11.164, 14.808

 0, 11.164, 14.808

 74, 11.164, 14.808

 74, 11.164, 14.808

68, 19.675, 15.894

80, 3.194, 13.841

63, 28.697, 17.229

85, 4.236, 193.443

58, 38.123, 18.920

91, 11.160,
192.778

54, 47.766, 21.083

97, 16.971,
195.003

50, 57.351, 23.843

47, 66.550, 27.286

97, 16.854,
198.387

44, 75.015, 31.344

43, 82.231, 35.565

43, 85.588, 37.549

Harmonies

Complementary

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



74, 11.164, 14.808



80, 10.313, 192.745

Rectangle

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



74, 11.164, 14.808



74, 11.164, 64.808



74, 11.164, 194.808



74, 11.164, 244.808

Sweetspot

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



74, 11.162, 14.817



97, 3.635, 13.822



75, 18.467, 322.869



51, 2.590, 13.910



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 11.162, 14.817



88, 16.169, 15.120



77, 9.176, 64.349



40, 4.381, 14.358



34, 72.810, 36.973



4, 17.956, 16.015

Inverse Universe

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



74, 11.162, 14.817



88, 16.169, 15.120



77, 8.685, 247.663



40, 4.381, 14.358



34, 72.810, 36.973



4, 17.956, 16.015

Previews

White Background



This preview shows how the CIELCh color 74, 11.164, 14.808 looks on a white background.

Color Contrast Check

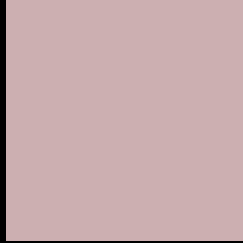
Large Text (above 18pt) WCAG AA × Fail

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, 11.164, 14.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

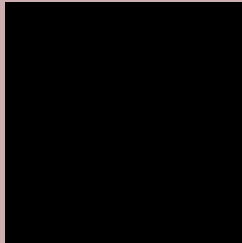
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 11.164, 14.808

Background



This preview shows how black text looks on a background with the CIELCh color 74, 11.164, 14.808.



This preview shows how white text looks on a background with the CIELCh color 74, 11.164, 14.808.

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, 11.164, 14.808

Protanopia

74, 1.871, 19.286

Deuteranopia

74, 9.965, 17.119



Tritanopia
74, 13.606, 349.602

Trichromacy



Original Color
74, 11.164, 14.808

Protanomaly
74, 5.317, 13.944

Deuteranomaly
74, 10.355, 17.272

Tritanomaly
74, 12.706, 358.092

Monochromacy



Original Color
74, 11.164, 14.808

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 3.761, 19.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 11.164, 14.808 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(204, 175, 177)` looks like.

```
.text, #text, p{  
    color:rgb(204, 175, 177)  
}
```

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(204, 175, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 175, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 11.164, 14.808 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(204, 175, 177) }
```

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

```
.border{ border-color:rgb(204, 175, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 175, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 175, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 175, 177);  
box-shadow:4px 4px 4px 4px rgb(204, 175,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 11.164, 14.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 175, 177) }
```

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

```
.background{ background-color: rgb(204,  
175, 177) }
```

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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