

Converting Colors

CIE LCh(74, 21.130, 34.211)

Have a look what the booklet for
CIELCh(74, 21.130, 34.211) contains.

CIELCh(74, 21.051, 34.250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 21.051, 34.250)

Conversions

Conversions Part 1

Format	Color
Hex	DDAAA1
RGB	221, 170, 161
RGB Percent	87%, 67%, 63%
CMY	0.1333, 0.3332, 0.3686
CMYK	0.00, 0.23, 0.27, 0.13
HSL	9°, 47%, 75%
HSV	9°, 27%, 87%
XYZ	50.6360, 46.7039, 40.0714
YIQ	184.2230, 33.2850, 8.0130

Conversions

Conversions Part 2

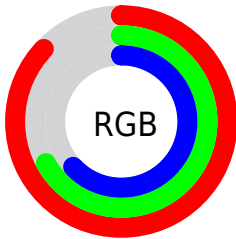
Format	Color
R _Y B	221, 172, 161
Decimal	14527137
CIE Lab	74.00, 17.40, 11.85
CIE LCh	74, 21.051, 34.250
Yxy	46.7039, 0.3685, 0.3399
Android (android.graphics.Color)	4292717217 (0xFFDDAAA1)
YUV	184.2230, -11.4489, 32.2534
Hunter-Lab	68.3403, 12.6623, 13.0735

Details

The CIELCh color **74, 21.051, 34.250** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **82, 17.398, 214.329**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 12.076, 42.571**, and **54, 21.125, 35.508** is the 20% darker color. If you saturate the color by 10%, you get **69, 30.030, 34.733**, and if you desaturate by 10%, it is **79, 12.748, 33.963**.

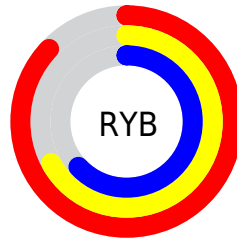
Distribution



Red (87%)

Green (67%)

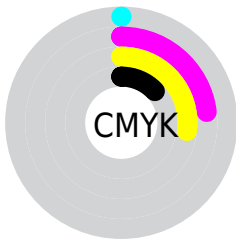
Blue (63%)



Red (87%)

Yellow (67%)

Blue (63%)

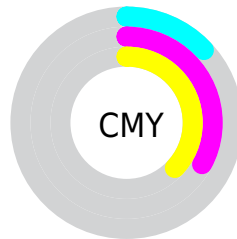


Cyan (0%)

Magenta (23%)

Yellow (27%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 21.051, 34.250 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, 21.051, 34.250 by changing the saturation by 10% instead.

74, 21.051, 34.250

74, 21.051, 34.250

100, 21.051,
34.250

64, 21.051, 34.250

94, 21.051, 34.250

54, 21.051, 34.250

44, 21.051, 34.250

34, 21.051, 34.250

24, 21.051, 34.250

14, 21.051, 34.250

4, 21.051, 34.250

0, 21.051, 34.250

74, 21.051, 34.250

74, 21.051, 34.250

69, 30.030, 34.733

79, 12.748, 33.963

64, 39.681, 35.448

84, 5.097, 33.765

60, 49.935, 36.450

90, 1.955, 214.170

56, 60.621, 37.763

95, 8.466, 214.003

53, 71.380, 39.324

98, 11.473,
198.740

50, 81.433, 40.850

48, 89.191, 41.666

48, 91.076, 41.936

Harmonies

Complementary

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



74, 21.051, 34.250



82, 17.398, 214.329

Rectangle

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



74, 21.051, 34.250



74, 21.051, 84.250



74, 21.051, 214.250



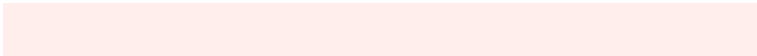
74, 21.051, 264.250

Sweetspot

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



74, 21.049, 34.257



95, 6.431, 33.785



73, 34.887, 330.494



50, 4.599, 33.815



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, 21.049, 34.257



81, 29.480, 34.523



81, 22.263, 86.255



43, 4.061, 33.812



37, 75.636, 42.248



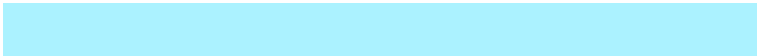
7, 21.594, 28.281

Inverse Universe

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



82, 17.398, 214.329



91, 23.187, 214.578



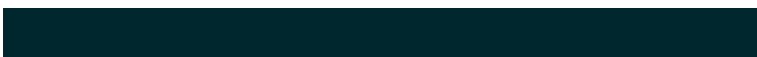
74, 22.001, 273.916



45, 3.822, 213.996



56, 32.646, 224.527



14, 13.226, 219.056

Previews

White Background



This preview shows how the CIELCh color 74, 21.051, 34.250 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, 21.051, 34.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

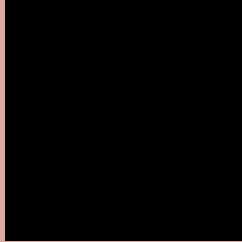
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 21.051, 34.250

Background



This preview shows how black text looks on a background with the CIELCh color 74, 21.051, 34.250.

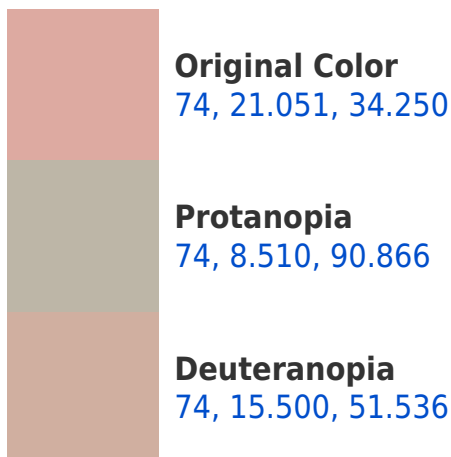


This preview shows how white text looks on a background with the CIELCh color 74, 21.051, 34.250.

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





Tritanopia
74, 22.557, 3.525

Trichromacy



Original Color
74, 21.051, 34.250

Protanomaly
74, 11.445, 57.529

Deuteranomaly
74, 17.529, 43.972

Tritanomaly
74, 21.197, 14.072

Monochromacy



Original Color
74, 21.051, 34.250

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 7.060, 33.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 21.051, 34.250 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(221, 170, 161)` looks like.

```
.text, #text, p{  
    color:rgb(221, 170, 161)  
}
```

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(221, 170, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 170, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 21.051, 34.250 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(221, 170, 161) }
```

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

```
.border{ border-color:rgb(221, 170, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 170, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 170, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 170, 161);  
box-shadow:4px 4px 4px 4px rgb(221, 170,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 21.051, 34.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 170, 161) }
```

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

```
.background{ background-color: rgb(221,  
170, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor