

Converting Colors

CIELCh(74, 12.282, 37.626)

Have a look what the booklet for
CIELCh(74, 12.282, 37.626) contains.

CIELCh(74, 12.157, 35.660)	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, 12.157, 35.660)

Conversions

Conversions Part 1

Format	Color
Hex	CDAFA9
RGB	205, 175, 169
RGB Percent	80%, 69%, 66%
CMY	0.1947, 0.3123, 0.3359
CMYK	0.00, 0.15, 0.18, 0.19
HSL	10°, 27%, 73%
HSV	10°, 18%, 81%
XYZ	47.8686, 46.7039, 44.1982
YIQ	183.2860, 19.8060, 4.4940

Conversions

Conversions Part 2

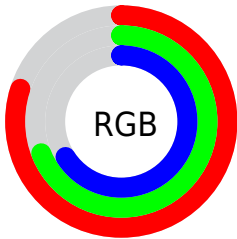
Format	Color
R _{YB}	205, 176, 169
Decimal	13479849
CIE Lab	74.00, 9.88, 7.09
CIE LCh	74, 12.157, 35.660
Yxy	46.7039, 0.3449, 0.3366
Android (android.graphics.Color)	4291669929 (0xFFCDAFA9)
YUV	183.2860, -7.0430, 19.0432
Hunter-Lab	68.3403, 5.4339, 9.4931

Details

The CIELCh color $74, 12.157, 35.660$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 10.822, 216.060$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 9.498, 42.076$, and $54, 11.884, 37.270$ is the 20% darker color. If you saturate the color by 10%, you get $69, 19.903, 35.878$, and if you desaturate by 10%, it is $79, 5.012, 35.555$.

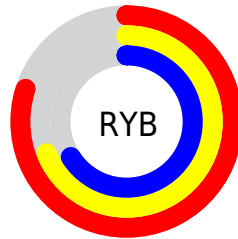
Distribution



Red (80%)

Green (69%)

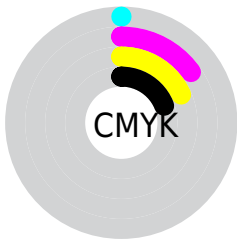
Blue (66%)



Red (80%)

Yellow (69%)

Blue (66%)

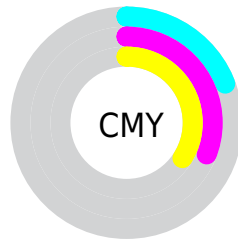


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (19%)



Cyan (19%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.157, 35.660 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, 12.157, 35.660 by changing the saturation by 10% instead.

■ 74, 12.157, 35.660

■ 74, 12.157, 35.660

■ 100, 12.157,
35.660

■ 64, 12.157, 35.660

■ 94, 12.157, 35.660

■ 54, 12.157, 35.660

■ 44, 12.157, 35.660

■ 34, 12.157, 35.660

■ 24, 12.157, 35.660

■ 14, 12.157, 35.660

■ 4, 12.157, 35.660

■ 0, 12.157, 35.660

■ 74, 12.157, 35.660

■ 74, 12.157, 35.660

69, 19.903, 35.878

79, 5.012, 35.555

65, 28.285, 36.255

84, 1.575, 216.078

60, 37.298, 36.853

89, 7.660, 215.929

56, 46.886, 37.717

94, 13.300,
216.088

53, 56.898, 38.862

97, 16.450,
198.413

49, 67.004, 40.222

47, 76.478, 41.519

45, 83.928, 42.171

45, 85.588, 42.416

Harmonies

Complementary

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



74, 12.157, 35.660



78, 10.822, 216.060

Rectangle

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



74, 12.157, 35.660



74, 12.157, 85.660



74, 12.157, 215.660



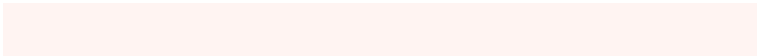
74, 12.157, 265.660

Sweetspot

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



74, 12.156, 35.671



97, 3.923, 35.504



73, 20.968, 330.447



51, 2.684, 35.523



0, 0.000, 0.000



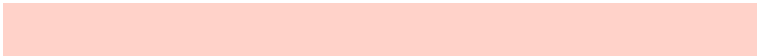
53, 0.007, 296.813

Same Dimension

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



74, 12.156, 35.671



88, 17.624, 35.732



79, 13.605, 88.907



40, 3.780, 35.578



36, 72.614, 42.713



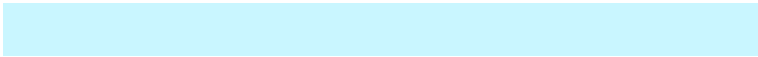
5, 16.293, 28.511

Inverse Universe

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



78, 10.822, 216.060



94, 15.267, 216.172



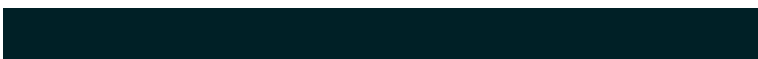
74, 13.558, 273.578



42, 3.562, 215.909



53, 31.538, 228.010



10, 11.817, 220.660

Previews

White Background



This preview shows how the CIELCh color 74, 12.157, 35.660 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, 12.157, 35.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

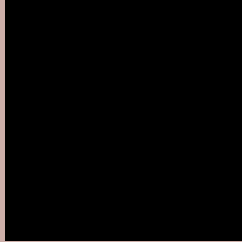
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 12.157, 35.660

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.157, 35.660.



This preview shows how white text looks on a background with the CIELCh color 74, 12.157, 35.660.

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, 12.157, 35.660

Protanopia

74, 5.057, 77.893

Deuteranopia

74, 11.565, 39.170



Tritanopia
74, 14.608, 352.054

Trichromacy



Original Color
74, 12.157, 35.660

Protanomaly
74, 6.882, 52.931

Deuteranomaly
74, 11.565, 39.170

Tritanomaly
74, 12.620, 5.681

Monochromacy



Original Color
74, 12.157, 35.660

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.287, 34.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.157, 35.660 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(205, 175, 169)` looks like.

```
.text, #text, p{  
    color:rgb(205, 175, 169)  
}
```

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(205, 175, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 175, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.157, 35.660 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(205, 175, 169) }
```

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

```
.border{ border-color:rgb(205, 175, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 175, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 175, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 175, 169);  
box-shadow:4px 4px 4px 4px rgb(205, 175,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.157, 35.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 175, 169) }
```

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

```
.background{ background-color: rgb(205,  
175, 169) }
```

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