

Converting Colors

CIELCh(74, 12.864, 61.860)

Have a look what the booklet for
CIELCh(74, 12.864, 61.860) contains.

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Color

CIELCh(74, 12.864, 61.860)

Conversions

Conversions Part 1

Format	Color
Hex	C9B1A1
RGB	201, 177, 161
RGB Percent	79%, 69%, 63%
CMY	0.2099, 0.3040, 0.3668
CMYK	0.00, 0.12, 0.20, 0.21
HSL	24°, 27%, 71%
HSV	24°, 20%, 79%
XYZ	46.5062, 46.7039, 40.4957
YIQ	182.3520, 19.4400, 0.1120

Conversions

Conversions Part 2

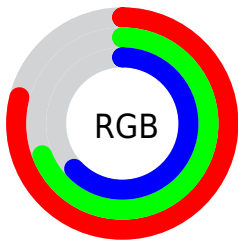
Format	Color
RYB	201, 188, 161
Decimal	13218209
CIELab	74.00, 6.07, 11.34
CIELCh	74, 12.864, 61.860
Yxy	46.7039, 0.3478, 0.3493
Android (android.graphics.Color)	4291408289 (0xFFC9B1A1)
YUV	182.3520, -10.5265, 16.3543
Hunter-Lab	68.3403, 1.8754, 12.7053

Details

The CIELCh color **74, 12.864, 61.860** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 11.813, 246.387**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 11.958, 66.420**, and **54, 13.162, 60.747** is the 20% darker color. If you saturate the color by 10%, you get **71, 19.973, 60.907**, and if you desaturate by 10%, it is **78, 6.189, 62.835**.

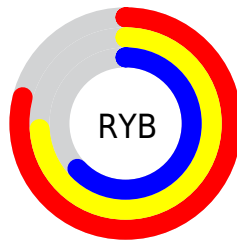
Distribution



Red (79%)

Green (69%)

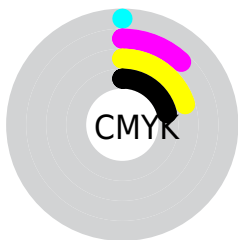
Blue (63%)



Red (79%)

Yellow (74%)

Blue (63%)

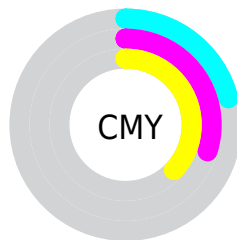


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (21%)



Cyan (21%)

Magenta (30%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.864, 61.860 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, 12.864, 61.860 by changing the saturation by 10% instead.

 74, 12.864, 61.860

 74, 12.864, 61.860

 100, 12.864,
61.860

 64, 12.864, 61.860

 94, 12.864, 61.860

 54, 12.864, 61.860

 44, 12.864, 61.860

 34, 12.864, 61.860

 24, 12.864, 61.860

 14, 12.864, 61.860

 4, 12.864, 61.860

 0, 12.864, 61.860

 74, 12.864, 61.860

 74, 12.864, 61.860

71, 19.973, 60.907

78, 6.189, 62.835

67, 27.542, 59.972

81, 0.090, 248.892

64, 35.573, 59.078

85, 6.013, 245.006

61, 44.015, 58.216

89, 11.622,
245.972

58, 52.709, 57.343

92, 14.668,
236.031

55, 61.278, 56.338

52, 68.950, 54.922

95, 16.120,
207.672

50, 75.005, 52.931

97, 17.647,
198.336

50, 75.090, 52.909

Harmonies

Complementary

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



74, 12.864, 61.860



74, 11.813, 246.387

Rectangle

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



74, 12.864, 61.860



74, 12.864, 111.860



74, 12.864, 241.860



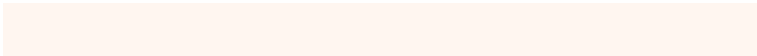
74, 12.864, 291.860

Sweetspot

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



74, 12.864, 61.871



97, 4.504, 63.171



71, 19.888, 340.174



52, 2.994, 63.116



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, 12.864, 61.871



90, 19.089, 61.438



79, 19.142, 103.716



41, 3.590, 62.878



41, 64.660, 53.463



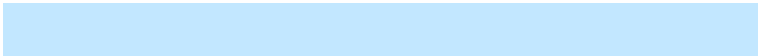
7, 14.641, 46.217

Inverse Universe

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



74, 11.813, 246.387



90, 17.155, 247.074



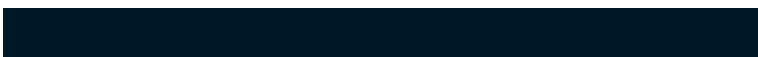
69, 19.834, 288.195



41, 3.460, 245.023



41, 42.410, 271.910



7, 13.359, 260.156

Previews

White Background



This preview shows how the CIELCh color 74, 12.864, 61.860 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, 12.864, 61.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

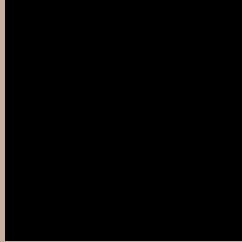
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 12.864, 61.860

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.864, 61.860.



This preview shows how white text looks on a background with the CIELCh color 74, 12.864, 61.860.

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, 12.864, 61.860

Protanopia

74, 9.802, 88.357

Deuteranopia

74, 14.546, 48.922



Tritanopia
74, 13.606, 349.602

Trichromacy



Original Color
74, 12.864, 61.860

Protanomaly
74, 10.679, 78.430

Deuteranomaly
74, 13.786, 53.168

Tritanomaly
74, 11.206, 12.069

Monochromacy



Original Color
74, 12.864, 61.860

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.693, 63.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.864, 61.860 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(201, 177, 161)` looks like.

```
.text, #text, p{  
    color:rgb(201, 177, 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(201, 177, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 177, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.864, 61.860 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(201, 177, 161) }
```

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

```
.border{ border-color:rgb(201, 177, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 177, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 177, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 177, 161);  
box-shadow:4px 4px 4px 4px rgb(201, 177,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.864, 61.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 177, 161) }
```

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

```
.background{ background-color: rgb(201,  
177, 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](#).

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