

Converting Colors

CIELCh(74, 12.381, 87.769)

Have a look what the booklet for
CIELCh(74, 12.381, 87.769) contains.

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Color

CIELCh(74, 12.618, 88.962)

Conversions

Conversions Part 1

Format	Color
Hex	C0B59F
RGB	192, 181, 159
RGB Percent	75%, 71%, 62%
CMY	0.2474, 0.2905, 0.3768
CMYK	0.00, 0.06, 0.17, 0.25
HSL	40°, 21%, 69%
HSV	40°, 17%, 75%
XYZ	44.4692, 46.7039, 39.4304
YIQ	181.7810, 13.6180, -4.5100

Conversions

Conversions Part 2

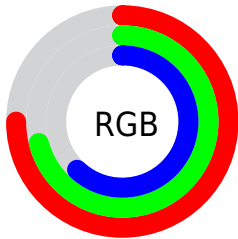
Format	Color
RYB	176, 192, 159
Decimal	12629407
CIELab	74.00, 0.23, 12.62
CIELCh	74, 12.618, 88.962
Yxy	46.7039, 0.3405, 0.3576
Android (android.graphics.Color)	4290819487 (0xFFC0B59F)
YUV	181.7810, -11.2310, 8.9621
Hunter-Lab	68.3403, -3.4450, 13.6296

Details

The CIELCh color **74, 12.618, 88.962** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69, 12.577, 273.522**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 12.589, 88.553**, and **54, 12.242, 88.449** is the 20% darker color. If you saturate the color by 10%, you get **72, 20.167, 87.673**, and if you desaturate by 10%, it is **76, 5.219, 90.210**.

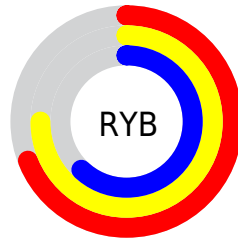
Distribution



Red (75%)

Green (71%)

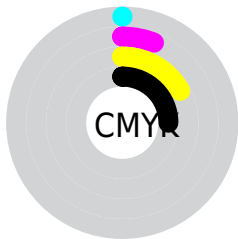
Blue (62%)



Red (69%)

Yellow (75%)

Blue (62%)

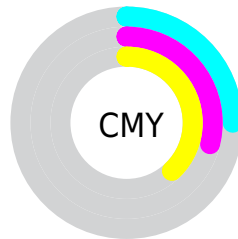


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.618, 88.962 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, 12.618, 88.962 by changing the saturation by 10% instead.

 74, 12.618, 88.962

 74, 12.618, 88.962

 100, 12.618,
88.962

 64, 12.618, 88.962

 94, 12.618, 88.962

 54, 12.618, 88.962

 44, 12.618, 88.962

 34, 12.618, 88.962

 24, 12.618, 88.962

 14, 12.618, 88.962

 4, 12.618, 88.962

 0, 12.618, 88.962

 74, 12.618, 88.962

 74, 12.618, 88.962

72, 20.167, 87.673

76, 5.219, 90.210

70, 27.838, 86.331

78, 2.026, 271.588

68, 35.571, 84.948

80, 9.121, 272.669

66, 43.243, 83.517

83, 16.072,
273.776

64, 50.617, 82.013

85, 22.890,
274.839

62, 57.276, 80.378

61, 62.570, 78.500

87, 20.429,
266.055

59, 65.848, 76.222

88, 18.498,
255.163

59, 66.645, 75.573

90, 17.349,
242.427

92, 17.120,
228.763

Harmonies

Complementary

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



74, 12.618, 88.962



69, 12.577, 273.522

Rectangle

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



74, 12.618, 88.962



74, 12.618, 138.962



74, 12.618, 268.962



74, 12.618, 318.962

Sweetspot

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



74, 12.619, 88.972



97, 4.482, 90.452



69, 14.027, 355.353



51, 3.060, 90.373



99, 0.012, 296.813



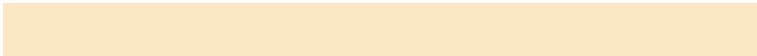
52, 0.007, 296.813

Same Dimension

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



74, 12.619, 88.972



93, 19.183, 88.439



76, 17.738, 115.472



40, 4.157, 89.948



50, 58.437, 75.985



8, 12.513, 78.710

Inverse Universe

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



69, 12.577, 273.522



86, 19.096, 274.189



67, 18.412, 298.080



38, 4.157, 272.383



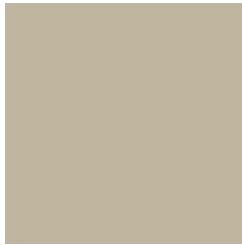
27, 68.487, 296.213



3, 15.080, 279.879

Previews

White Background



This preview shows how the CIELCh color 74, 12.618, 88.962 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, 12.618, 88.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

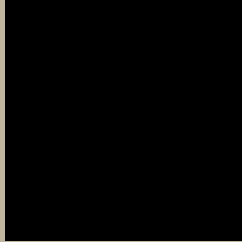
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

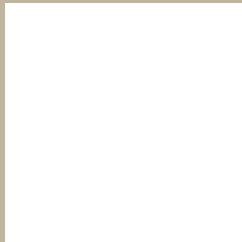
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 12.618, 88.962

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.618, 88.962.

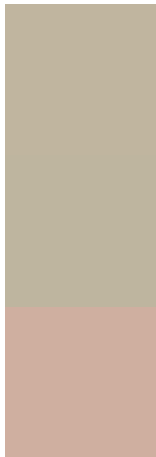


This preview shows how white text looks on a background with the CIELCh color 74, 12.618, 88.962.

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, 12.618, 88.962

Protanopia

74, 12.368, 92.413

Deuteranopia

74, 15.153, 52.318



Tritanopia
74, 10.644, 334.949

Trichromacy



Original Color
74, 12.618, 88.962

Protanomaly
74, 12.487, 90.671

Deuteranomaly
74, 13.547, 62.318

Tritanomaly
74, 6.468, 15.101

Monochromacy



Original Color
74, 12.618, 88.962

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.558, 90.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.618, 88.962 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(192, 181, 159)` looks like.

```
.text, #text, p{  
    color:rgb(192, 181, 159)  
}
```

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(192, 181, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 181, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.618, 88.962 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(192, 181, 159) }
```

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

```
.border{ border-color:rgb(192, 181, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 181, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 181, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 181, 159);  
box-shadow:4px 4px 4px 4px rgb(192, 181,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.618, 88.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 181, 159) }
```

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

```
.background{ background-color: rgb(192,  
181, 159) }
```

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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