

Converting Colors

CIELCh(74, 8.569, 37.379)

Have a look what the booklet for
CIELCh(74, 8.569, 37.379) contains.

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Color

CIELCh(74, 8.742, 34.267)

Conversions

Conversions Part 1

Format	Color
Hex	C7B1AD
RGB	199, 177, 173
RGB Percent	78%, 69%, 68%
CMY	0.2189, 0.3052, 0.3209
CMYK	0.00, 0.11, 0.13, 0.22
HSL	9°, 19%, 73%
HSV	9°, 13%, 78%
XYZ	46.9173, 46.7039, 46.1653
YIQ	183.1220, 14.3960, 3.4200

Conversions

Conversions Part 2

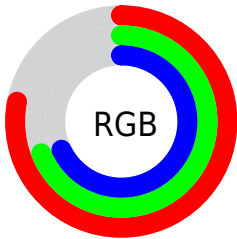
Format	Color
RYB	199, 178, 173
Decimal	13087149
CIELab	74.00, 7.22, 4.92
CIElCh	74, 8.742, 34.267
Yxy	46.7039, 0.3356, 0.3341
Android (android.graphics.Color)	4291277229 (0xFFC7B1AD)
YUV	183.1220, -4.9901, 13.9250
Hunter-Lab	68.3403, 2.9491, 7.7866

Details

The CIELCh color $74, 8.742, 34.267$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 8.030, 214.466$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 8.404, 37.576$, and $54, 8.856, 31.444$ is the 20% darker color. If you saturate the color by 10%, you get $69, 16.093, 34.497$, and if you desaturate by 10%, it is $79, 1.963, 34.005$.

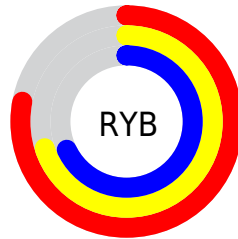
Distribution



Red (78%)

Green (69%)

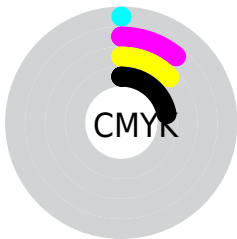
Blue (68%)



Red (78%)

Yellow (70%)

Blue (68%)

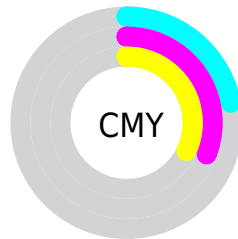


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 8.742, 34.267 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, 8.742, 34.267 by changing the saturation by 10% instead.

 74, 8.742, 34.267

 74, 8.742, 34.267

 100, 8.742, 34.267

 64, 8.742, 34.267

 94, 8.742, 34.267

 54, 8.742, 34.267

 44, 8.742, 34.267

 34, 8.742, 34.267

 24, 8.742, 34.267

 14, 8.742, 34.267

 4, 8.742, 34.267

 0, 8.742, 34.267

 74, 8.742, 34.267

 74, 8.742, 34.267

69, 16.093, 34.497

79, 1.963, 34.005

65, 24.055, 34.864

84, 4.290, 214.451

60, 32.639, 35.438

89, 10.073,
214.486

56, 41.811, 36.273

94, 15.440,
214.628

52, 51.466, 37.404

49, 61.371, 38.819

96, 18.351,
198.292

46, 71.037, 40.360

44, 79.378, 41.541

43, 83.978, 42.149

Harmonies

Complementary

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



74, 8.742, 34.267



77, 8.030, 214.466

Rectangle

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



74, 8.742, 34.267



74, 8.742, 84.267



74, 8.742, 214.267



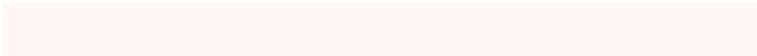
74, 8.742, 264.267

Sweetspot

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



74, 8.741, 34.281



98, 3.153, 34.076



74, 15.376, 329.603



52, 2.248, 34.112



0, 0.000, 0.000



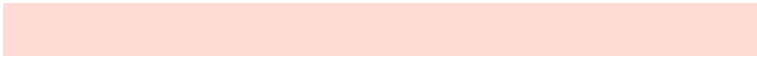
53, 0.007, 296.813

Same Dimension

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



74, 8.741, 34.281



91, 13.264, 34.338



77, 9.676, 88.111



39, 3.735, 34.221



35, 72.060, 42.379



4, 14.501, 28.196

Inverse Universe

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



77, 8.030, 214.466



96, 11.915, 214.512



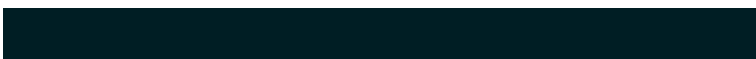
74, 9.633, 271.554



41, 3.518, 214.440



53, 31.201, 225.215



10, 11.375, 218.248

Previews

White Background



This preview shows how the CIELCh color 74, 8.742, 34.267 looks on a white background.

Color Contrast Check

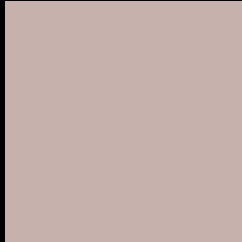
Large Text (above 18pt) WCAG AA × Fail

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, 8.742, 34.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

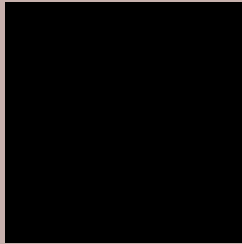
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 8.742, 34.267

Background



This preview shows how black text looks on a background with the CIELCh color 74, 8.742, 34.267.



This preview shows how white text looks on a background with the CIELCh color 74, 8.742, 34.267.

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, 8.742, 34.267

Protanopia

74, 3.939, 74.561

Deuteranopia

74, 10.557, 28.992



Tritanopia
74, 12.329, 342.658

Trichromacy



Original Color
74, 8.742, 34.267

Protanomaly
74, 5.286, 57.282

Deuteranomaly
74, 10.167, 29.300

Tritanomaly
74, 9.826, 357.650

Monochromacy



Original Color
74, 8.742, 34.267

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.192, 39.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 8.742, 34.267 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(199, 177, 173)` looks like.

```
.text, #text, p{  
    color:rgb(199, 177, 173)  
}
```

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(199, 177, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 177, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 8.742, 34.267 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(199, 177, 173) }
```

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

```
.border{ border-color:rgb(199, 177, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 177, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 177, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 177, 173);  
box-shadow:4px 4px 4px 4px rgb(199, 177,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 8.742, 34.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 177, 173) }
```

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

```
.background{ background-color: rgb(199,  
177, 173) }
```

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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