

Converting Colors

CIELCh(70, 19.067, 42.373)

Have a look what the booklet for
CIELCh(70, 19.067, 42.373) contains.

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Color

CIELCh(70, 19.369, 42.097)

Conversions

Conversions Part 1

Format	Color
Hex	CDA194
RGB	205, 161, 148
RGB Percent	80%, 63%, 58%
CMY	0.1950, 0.3676, 0.4186
CMYK	0.00, 0.21, 0.28, 0.19
HSL	14°, 36%, 69%
HSV	14°, 28%, 81%
XYZ	43.4129, 40.7494, 33.7037
YIQ	172.6740, 30.3970, 5.2850

Conversions

Conversions Part 2

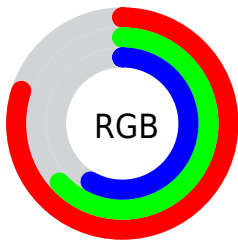
Format	Color
R _Y B	205, 165, 148
Decimal	13476244
CIE Lab	70.00, 14.37, 12.98
CIE LCh	70, 19.369, 42.097
Yxy	40.7494, 0.3683, 0.3457
Android (android.graphics.Color)	4291666324 (0xFFCDA194)
YUV	172.6740, -12.1643, 28.3499
Hunter-Lab	63.8353, 9.6822, 13.3808

Details

The CIELCh color $70, 19.369, 42.097$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 16.099, 224.441$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 16.554, 46.160$, and $50, 19.637, 41.913$ is the 20% darker color. If you saturate the color by 10%, you get $66, 27.452, 42.104$, and if you desaturate by 10%, it is $74, 11.895, 42.235$.

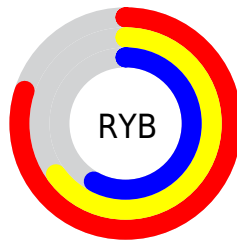
Distribution



Red (80%)

Green (63%)

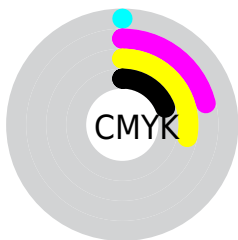
Blue (58%)



Red (80%)

Yellow (65%)

Blue (58%)

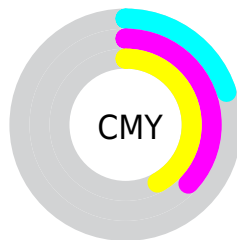


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (19%)



Cyan (20%)

Magenta (37%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 19.369, 42.097 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 70, 19.369, 42.097 by changing the saturation by 10% instead.

 70, 19.369, 42.097

 70, 19.369, 42.097

 100, 19.369,
42.097

 60, 19.369, 42.097

 90, 19.369, 42.097

 50, 19.369, 42.097

 40, 19.369, 42.097

 30, 19.369, 42.097

 20, 19.369, 42.097

 10, 19.369, 42.097

 0, 19.369, 42.097

 70, 19.369, 42.097

 70, 19.369, 42.097

 66, 27.452, 42.104

 74, 11.895, 42.235

62, 36.160, 42.271

79, 4.997, 42.427

58, 45.455, 42.632

84, 1.378, 223.268

54, 55.208, 43.184

88, 7.283, 223.342

51, 65.107, 43.847

93, 12.773,
223.744

48, 74.434, 44.350

97, 16.474,
198.412

46, 81.893, 44.196

46, 83.442, 44.242

Harmonies

Complementary

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



70, 19.369, 42.097



75, 16.099, 224.441

Rectangle

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



70, 19.369, 42.097



70, 19.369, 92.097



70, 19.369, 222.097



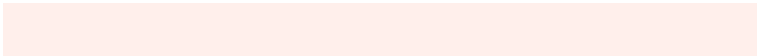
70, 19.369, 272.097

Sweetspot

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



70, 19.368, 42.105



96, 6.138, 42.422



68, 32.098, 332.920



50, 4.389, 42.395



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 19.368, 42.105



82, 28.087, 42.086



77, 22.767, 91.465



41, 3.650, 42.399



37, 70.793, 44.657



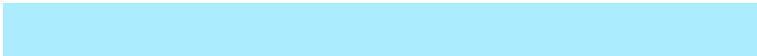
5, 15.789, 32.352

Inverse Universe

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



75, 16.099, 224.441



90, 22.352, 224.969



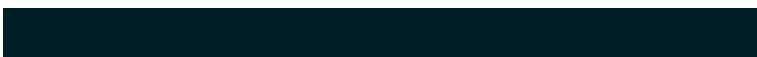
68, 22.992, 278.999



42, 3.450, 223.276



50, 32.386, 241.256



9, 11.748, 231.186

Previews

White Background



This preview shows how the CIELCh color 70, 19.369, 42.097 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 70, 19.369, 42.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

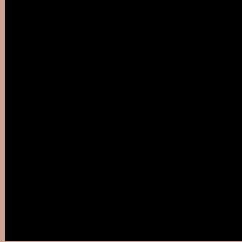
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 19.369, 42.097

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.369, 42.097.

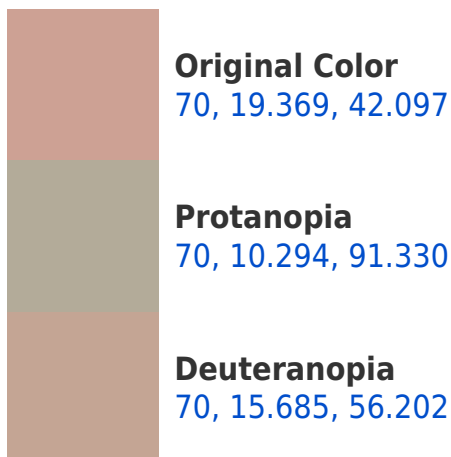


This preview shows how white text looks on a background with the CIELCh color 70, 19.369, 42.097.

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
70, 20.406, 2.791

Trichromacy



Original Color
70, 19.369, 42.097

Protanomaly
70, 12.430, 64.253

Deuteranomaly
70, 16.759, 51.532

Tritanomaly
70, 19.002, 16.272

Monochromacy



Original Color
70, 19.369, 42.097

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 6.768, 43.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.369, 42.097 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, 161, 148)` looks like.

```
.text, #text, p{  
    color:rgb(205, 161, 148)  
}
```

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, 161, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 161, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.369, 42.097 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, 161, 148) }
```

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

```
.border{ border-color:rgb(205, 161, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 161, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 161, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 161, 148);  
box-shadow:4px 4px 4px 4px rgb(205, 161,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.369, 42.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 161, 148) }
```

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

```
.background{ background-color: rgb(205,  
161, 148) }
```

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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