

Converting Colors

CIELCh(71, 19.410, 40.907)

Have a look what the booklet for
CIELCh(71, 19.410, 40.907) contains.

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Color

CIELCh(71, 19.287, 42.099)

Conversions

Conversions Part 1

Format	Color
Hex	D0A497
RGB	208, 164, 151
RGB Percent	82%, 64%, 59%
CMY	0.1844, 0.3569, 0.4079
CMYK	0.00, 0.21, 0.27, 0.18
HSL	14°, 38%, 70%
HSV	14°, 27%, 82%
XYZ	44.8660, 42.1875, 35.0505
YIQ	175.6740, 30.3970, 5.2850

Conversions

Conversions Part 2

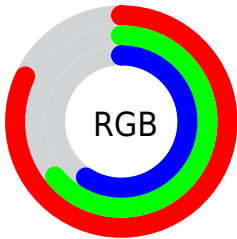
Format	Color
R _Y B	208, 168, 151
Decimal	13673623
CIE Lab	71.00, 14.31, 12.93
CIE LCh	71, 19.287, 42.099
Yxy	42.1875, 0.3674, 0.3455
Android (android.graphics.Color)	4291863703 (0xFFD0A497)
YUV	175.6740, -12.1643, 28.3499
Hunter-Lab	64.9519, 9.6344, 13.4712

Details

The CIELCh color $71, 19.287, 42.099$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 16.073, 224.410$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 15.463, 47.998$, and $51, 19.516, 41.911$ is the 20% darker color. If you saturate the color by 10%, you get $67, 27.435, 42.101$, and if you desaturate by 10%, it is $75, 11.755, 42.241$.

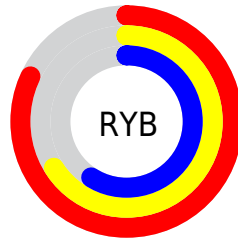
Distribution



Red (82%)

Green (64%)

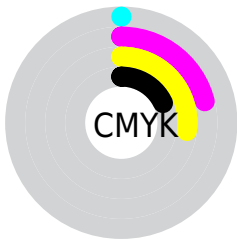
Blue (59%)



Red (82%)

Yellow (66%)

Blue (59%)

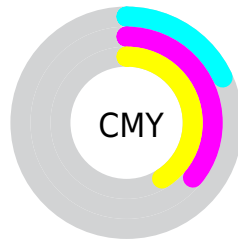


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (18%)



Cyan (18%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 19.287, 42.099 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 71, 19.287, 42.099 by changing the saturation by 10% instead.

71, 19.287, 42.099

71, 19.287, 42.099

100, 19.287,
42.099

61, 19.287, 42.099

91, 19.287, 42.099

51, 19.287, 42.099

41, 19.287, 42.099

31, 19.287, 42.099

21, 19.287, 42.099

11, 19.287, 42.099

1, 19.287, 42.099

0, 19.287, 42.099

71, 19.287, 42.099

71, 19.287, 42.099

67, 27.435, 42.101

75, 11.755, 42.241

63, 36.215, 42.262

80, 4.802, 42.432

59, 45.591, 42.617

85, 1.622, 223.225

55, 55.437, 43.164

89, 7.574, 223.355

52, 65.445, 43.827

94, 13.106,
223.761

49, 74.906, 44.342

97, 15.632,
198.466

47, 82.485, 44.186

46, 84.288, 44.220

Harmonies

Complementary

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



71, 19.287, 42.099



76, 16.073, 224.410

Rectangle

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



71, 19.287, 42.099



71, 19.287, 92.099



71, 19.287, 222.099



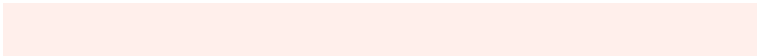
71, 19.287, 272.099

Sweetspot

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



71, 19.286, 42.107



96, 6.138, 42.421



69, 32.010, 332.896



50, 4.389, 42.394



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 19.286, 42.107



82, 28.087, 42.085



78, 22.698, 91.510



42, 3.726, 42.398



37, 71.626, 44.624



6, 17.505, 32.232

Inverse Universe

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



76, 16.073, 224.410



90, 22.352, 224.969



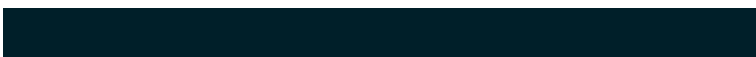
69, 22.918, 278.937



43, 3.520, 223.276



50, 32.760, 241.312



10, 12.227, 231.777

Previews

White Background



This preview shows how the CIELCh color 71, 19.287, 42.099 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 71, 19.287, 42.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

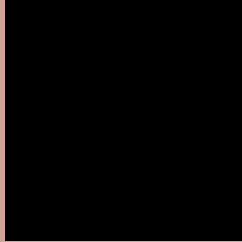
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 19.287, 42.099

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.287, 42.099.



This preview shows how white text looks on a background with the CIELCh color 71, 19.287, 42.099.

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


71, 19.287, 42.099

Protanopia

71, 9.753, 90.459

Deuteranopia

71, 15.976, 57.693



Tritanopia
71, 19.966, 2.342

Trichromacy



Original Color
71, 19.287, 42.099

Protanomaly
71, 12.096, 65.618

Deuteranomaly
71, 17.013, 53.013

Tritanomaly
71, 18.529, 16.089

Monochromacy



Original Color
71, 19.287, 42.099

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.743, 43.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.287, 42.099 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(208, 164, 151)` looks like.

```
.text, #text, p{  
    color:rgb(208, 164, 151)  
}
```

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(208, 164, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 164, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.287, 42.099 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(208, 164, 151) }
```

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

```
.border{ border-color:rgb(208, 164, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 164, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 164, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 164, 151);  
box-shadow:4px 4px 4px 4px rgb(208, 164,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.287, 42.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 164, 151) }
```

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

```
.background{ background-color: rgb(208,  
164, 151) }
```

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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