

Converting Colors

CIELCh(72, 10.355, 27.455)

Have a look what the booklet for
CIELCh(72, 10.355, 27.455) contains.

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Color

CIELCh(72, 10.229, 29.314)

Conversions

Conversions Part 1

Format	Color
Hex	C5ABA8
RGB	197, 171, 168
RGB Percent	77%, 67%, 66%
CMY	0.2286, 0.3306, 0.3423
CMYK	0.00, 0.13, 0.15, 0.23
HSL	6°, 20%, 71%
HSV	6°, 15%, 77%
XYZ	44.4932, 43.6590, 42.9836
YIQ	178.4320, 16.4590, 4.5790

Conversions

Conversions Part 2

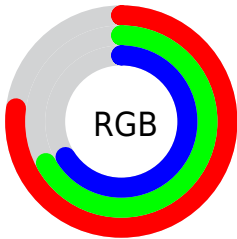
Format	Color
R _Y B	197, 171, 168
Decimal	12954536
CIE Lab	72.00, 8.92, 5.01
CIE LCh	72, 10.229, 29.314
Yxy	43.6590, 0.3393, 0.3329
Android (android.graphics.Color)	4291144616 (0xFFC5ABA8)
YUV	178.4320, -5.1430, 16.2841
Hunter-Lab	66.0750, 4.5662, 7.6827

Details

The CIELCh color $72, 10.229, 29.314$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 9.280, 208.827$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.382, 28.582$, and $52, 10.194, 30.196$ is the 20% darker color. If you saturate the color by 10%, you get $67, 17.891, 29.815$, and if you desaturate by 10%, it is $77, 3.156, 28.898$.

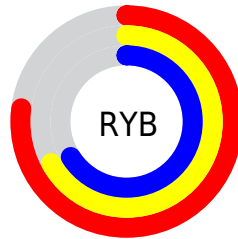
Distribution



Red (77%)

Green (67%)

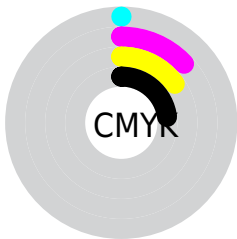
Blue (66%)



Red (77%)

Yellow (67%)

Blue (66%)

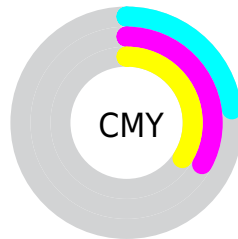


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (23%)



Cyan (23%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 10.229, 29.314 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 72, 10.229, 29.314 by changing the saturation by 10% instead.

72, 10.229, 29.314

72, 10.229, 29.314

100, 10.229,
29.314

62, 10.229, 29.314

92, 10.229, 29.314

52, 10.229, 29.314

42, 10.229, 29.314

32, 10.229, 29.314

22, 10.229, 29.314

12, 10.229, 29.314

2, 10.229, 29.314

0, 10.229, 29.314

72, 10.229, 29.314

72, 10.229, 29.314

67, 17.891, 29.815

77, 3.156, 28.898

62, 26.169, 30.499

82, 3.368, 209.046

58, 35.046, 31.445

87, 9.394, 208.843

54, 44.453, 32.720

92, 14.979,
208.789

50, 54.234, 34.374

96, 19.104,
198.244

47, 64.101, 36.394

44, 73.487, 38.577

42, 81.157, 40.302

42, 84.421, 41.174

Harmonies

Complementary

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



72, 10.229, 29.314



77, 9.280, 208.827

Rectangle

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



72, 10.229, 29.314



72, 10.229, 79.314



72, 10.229, 209.314



72, 10.229, 259.314

Sweetspot

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



72, 10.228, 29.326



97, 3.280, 28.852



72, 17.803, 328.105



52, 2.338, 28.903



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 10.228, 29.326



89, 15.649, 29.482



76, 10.358, 83.523



39, 3.885, 29.112



34, 73.140, 41.262



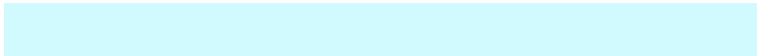
4, 14.914, 25.141

Inverse Universe

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



77, 9.280, 208.827



96, 13.843, 208.798



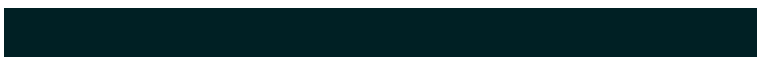
73, 10.205, 267.488



41, 3.657, 208.909



55, 31.901, 214.718



10, 11.761, 210.257

Previews

White Background



This preview shows how the CIELCh color 72, 10.229, 29.314 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 CIE LCh color 72, 10.229, 29.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

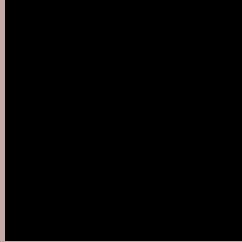
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 10.229, 29.314

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.229, 29.314.



This preview shows how white text looks on a background with the CIELCh color 72, 10.229, 29.314.

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

72, 10.229, 29.314

Protanopia

72, 3.295, 74.655

Deuteranopia

72, 10.229, 29.314



Tritanopia
72, 13.351, 348.748

Trichromacy



Original Color
72, 10.229, 29.314

Protanomaly
72, 5.425, 43.230

Deuteranomaly
72, 10.229, 29.314

Tritanomaly
72, 11.329, 0.863

Monochromacy



Original Color
72, 10.229, 29.314

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 3.827, 27.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.229, 29.314 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(197, 171, 168)` looks like.

```
.text, #text, p{  
    color:rgb(197, 171, 168)  
}
```

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(197, 171, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 171, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.229, 29.314 is called "border". The border property can be set on classes, ids or directly on the HTML element.

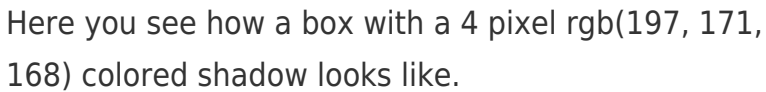
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 171, 168) }
```

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

```
.border{ border-color:rgb(197, 171, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 171, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 171, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 171, 168);  
box-shadow:4px 4px 4px 4px rgb(197, 171,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.229, 29.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 171, 168) }
```

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

```
.background{ background-color: rgb(197,  
171, 168) }
```

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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