

Converting Colors

CIELCh(69, 28.364, 328.079)

Have a look what the booklet for
CIELCh(69, 28.364, 328.079)
contains.

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Color

CIELCh(69, 28.472, 328.191)

Conversions

Conversions Part 1

Format	Color
Hex	C89AC4
RGB	200, 154, 196
RGB Percent	78%, 60%, 77%
CMY	0.2159, 0.3963, 0.2316
CMYK	0.00, 0.23, 0.02, 0.22
HSL	305°, 29%, 69%
HSV	305°, 23%, 78%
XYZ	45.3046, 39.3444, 57.3936
YIQ	172.5420, 13.9340, 22.8140

Conversions

Conversions Part 2

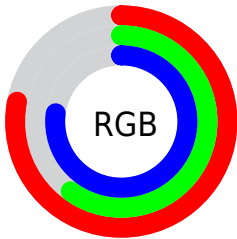
Format	Color
R _Y B	200, 154, 196
Decimal	13146820
CIE Lab	69.00, 24.20, -15.01
CIE LCh	69, 28.472, 328.191
Yxy	39.3444, 0.3190, 0.2770
Android (android.graphics.Color)	4291336900 (0xFFC89AC4)
YUV	172.5420, 11.5648, 24.0807
Hunter-Lab	62.7251, 19.1566, -10.3429

Details

The CIELCh color $69, 28.472, 328.191$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 28.432, 145.332$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 28.002, 326.633$, and $49, 28.755, 328.689$ is the 20% darker color. If you saturate the color by 10%, you get $64, 40.727, 328.772$, and if you desaturate by 10%, it is $74, 16.050, 327.605$.

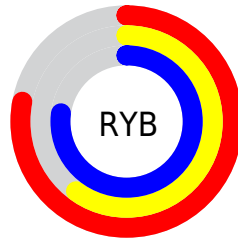
Distribution



Red (78%)

Green (60%)

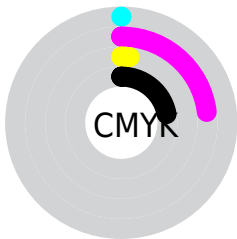
Blue (77%)



Red (78%)

Yellow (60%)

Blue (77%)

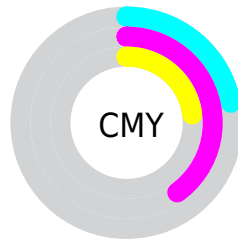


Cyan (0%)

Magenta (23%)

Yellow (2%)

Black (22%)



Cyan (22%)


Magenta (40%)

Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 28.472, 328.191 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 69, 28.472, 328.191 by changing the saturation by 10% instead.


 69, 28.472,
328.191


 69, 28.472,
328.191


 100, 28.472,
328.191


 59, 28.472,
328.191


 89, 28.472,
328.191

 49, 28.472,
328.191

 99, 28.472,
328.191

 39, 28.472,
328.191

 29, 28.472,
328.191

 19, 28.472,
328.191

 9, 28.472, 328.191

 0, 28.472, 328.191

69, 28.472,
328.191

69, 28.472,
328.191

64, 40.727,
328.772

74, 16.050,
327.605

60, 52.511,
329.340

79, 3.688, 326.975

84, 8.475, 146.526

56, 63.413,
329.886

90, 20.351,
145.969

53, 72.944,
330.403

95, 31.893,
145.448

50, 80.598,
330.885

95, 31.833,
146.308

48, 85.968,
331.333


95, 31.123,
147.287

47, 88.889,
331.758

95, 30.420,
148.308

47, 89.844,

332.049

 95, 29.725,
149.374

Harmonies

Complementary

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



69, 28.472, 328.191



76, 28.432, 145.332

Rectangle

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



69, 28.472, 328.191



69, 28.472, 18.191



69, 28.472, 148.191



69, 28.472, 198.191

Sweetspot

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



69, 28.470, 328.191



96, 10.491, 327.252



65, 25.652, 295.723



51, 6.819, 327.289



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 28.470, 328.191



83, 42.186, 328.506



68, 20.444, 350.612



39, 6.956, 327.390



38, 77.352, 331.988



4, 24.811, 330.064

Inverse Universe

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



69, 28.470, 328.191



83, 42.186, 328.506



77, 19.604, 166.265



39, 6.956, 327.390



38, 77.352, 331.988



4, 24.811, 330.064

Previews

White Background



This preview shows how the CIELCh color 69, 28.472, 328.191 looks on a white background.

Color Contrast Check

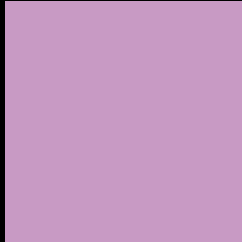
Large Text (above 18pt) WCAG AA × Fail

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 69, 28.472, 328.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

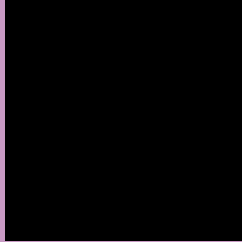
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 28.472, 328.191

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.472, 328.191.




This preview shows how white text looks on a background with the CIELCh color 69, 28.472, 328.191.

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
69, 16.220, 355.014

Trichromacy



Original Color
69, 28.472, 328.191

Protanomaly
69, 22.568, 303.937

Deuteranomaly
69, 21.051, 315.109

Tritanomaly
69, 19.633, 341.444

Monochromacy



Original Color
69, 28.472, 328.191

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.867, 326.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.472, 328.191 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(200, 154, 196)` looks like.

```
.text, #text, p{  
    color:rgb(200, 154, 196)  
}
```

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(200, 154, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 154, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.472, 328.191 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(200, 154, 196) }
```

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

```
.border{ border-color:rgb(200, 154, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 154, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 154, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 154, 196);  
box-shadow:4px 4px 4px 4px rgb(200, 154,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.472, 328.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 154, 196) }
```

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

```
.background{ background-color: rgb(200,  
154, 196) }
```

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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