

Converting Colors

CIELCh(69, 29.164, 323.771)

Have a look what the booklet for
CIELCh(69, 29.164, 323.771)
contains.

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Color

CIELCh(69, 28.994, 323.764)

Conversions

Conversions Part 1

Format	Color
Hex	C59BC8
RGB	197, 155, 200
RGB Percent	77%, 61%, 78%
CMY	0.2285, 0.3932, 0.2168
CMYK	0.02, 0.23, 0.00, 0.22
HSL	296°, 29%, 70%
HSV	296°, 23%, 78%
XYZ	45.0234, 39.3444, 59.6953
YIQ	172.6880, 10.5870, 22.8990

Conversions

Conversions Part 2

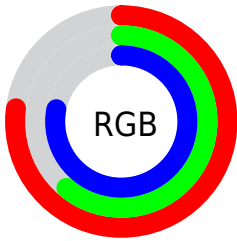
Format	Color
RYB	197, 155, 200
Decimal	12950472
CIELab	69.00, 23.39, -17.14
CIELCh	69, 28.994, 323.764
Yxy	39.3444, 0.3125, 0.2731
Android (android.graphics.Color)	4291140552 (0xFFC59BC8)
YUV	172.6880, 13.4648, 21.3216
Hunter-Lab	62.7251, 18.3566, -12.5185

Details

The CIELCh color $69, 28.994, 323.764$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 28.893, 141.308$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 28.022, 324.789$, and $49, 29.342, 323.982$ is the 20% darker color. If you saturate the color by 10%, you get $64, 41.819, 324.253$, and if you desaturate by 10%, it is $74, 16.057, 323.256$.

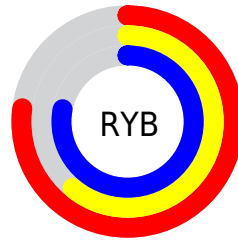
Distribution



Red (77%)

Green (61%)

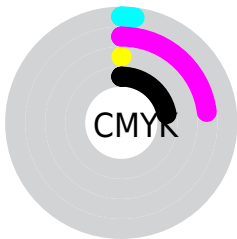
Blue (78%)



Red (77%)

Yellow (61%)

Blue (78%)

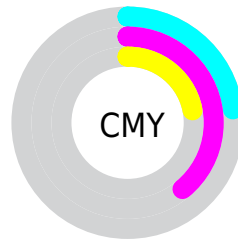


Cyan (2%)

Magenta (23%)

Yellow (0%)

Black (22%)



Cyan (23%)


Magenta (39%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 28.994, 323.764 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, 28.994, 323.764 by changing the saturation by 10% instead.

 69, 28.994,
323.764


 69, 28.994,
323.764

 100, 28.994,
323.764


 59, 28.994,
323.764


 89, 28.994,
323.764

 49, 28.994,
323.764

 99, 28.994,
323.764

 39, 28.994,
323.764

 29, 28.994,
323.764

 19, 28.994,
323.764

 9, 28.994, 323.764

 0, 28.994, 323.764

69, 28.994,
323.764

69, 28.994,
323.764

64, 41.819,
324.253

74, 16.057,
323.256

60, 54.245,
324.709

79, 3.217, 322.693

84, 9.397, 142.302

56, 65.877,
325.110

90, 21.706,
141.812

52, 76.231,
325.433

95, 33.669,
141.355

49, 84.784,
325.653

95, 33.646,
140.732

47, 91.087,
325.750


95, 33.386,
140.092

46, 94.914,
325.711

96, 33.130,
139.440

45, 96.516,

325.613

 96, 32.878,
138.775

Harmonies

Complementary

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



69, 28.994, 323.764



77, 28.893, 141.308

Rectangle

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



69, 28.994, 323.764



69, 28.994, 13.764



69, 28.994, 143.764



69, 28.994, 193.764

Sweetspot

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



69, 28.992, 323.764



96, 10.906, 322.971



66, 22.861, 289.334



50, 7.089, 323.004



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, 28.992, 323.764



83, 42.386, 324.005



69, 22.174, 341.228



39, 7.232, 323.092



37, 83.074, 325.650



4, 25.984, 324.315

Inverse Universe

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



68, 17.885, 15.861



82, 26.566, 16.447



77, 21.775, 157.549



39, 4.289, 14.528



34, 72.022, 37.017



3, 15.927, 15.949

Previews

White Background



This preview shows how the CIELCh color 69, 28.994, 323.764 looks on a white background.

Color Contrast Check

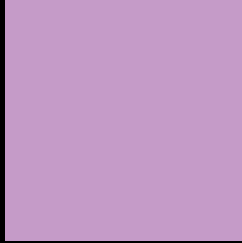
Large Text (above 18pt) WCAG AA × Fail

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, 28.994, 323.764 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, 28.994, 323.764

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.994, 323.764.



This preview shows how white text looks on a background with the CIELCh color 69, 28.994, 323.764.

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

69, 28.994, 323.764

Protanopia

69, 22.610, 285.594

Deuteranopia

69, 18.311, 298.583



Tritanopia
69, 14.233, 353.330

Trichromacy



Original Color
69, 28.994, 323.764

Protanomaly
69, 23.437, 300.924

Deuteranomaly
69, 22.067, 309.952

Tritanomaly
69, 18.851, 336.988

Monochromacy



Original Color
69, 28.994, 323.764

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.439, 323.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.994, 323.764 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, 155, 200)` looks like.

```
.text, #text, p{  
    color:rgb(197, 155, 200)  
}
```

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, 155, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 155, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.994, 323.764 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, 155, 200) }
```

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

```
.border{ border-color:rgb(197, 155, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 155, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 155, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 155, 200);  
box-shadow:4px 4px 4px 4px rgb(197, 155,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.994, 323.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 155, 200) }
```

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

```
.background{ background-color: rgb(197,  
155, 200) }
```

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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