

Converting Colors

CIELCh(69, 28.943, 325.642)

Have a look what the booklet for
CIELCh(69, 28.943, 325.642)
contains.

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Color

CIELCh(69, 28.943, 325.642)

Conversions

Conversions Part 1

Format	Color
Hex	C69AC6
RGB	198, 154, 198
RGB Percent	78%, 60%, 78%
CMY	0.2223, 0.3949, 0.2223
CMYK	0.00, 0.22, 0.00, 0.22
HSL	300°, 28%, 69%
HSV	300°, 22%, 78%
XYZ	45.1994, 39.3444, 58.8196
YIQ	172.1720, 12.1000, 23.0120

Conversions

Conversions Part 2

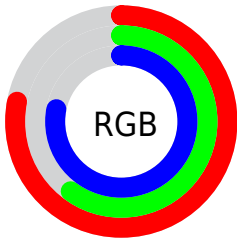
Format	Color
RYB	198, 154, 198
Decimal	13015750
CIELab	69.00, 23.89, -16.33
CIELCh	69, 28.943, 325.642
Yxy	39.3444, 0.3153, 0.2744
Android (android.graphics.Color)	4291205830 (0xFFC69AC6)
YUV	172.1720, 12.7332, 22.6512
Hunter-Lab	62.7251, 18.8572, -11.6908

Details

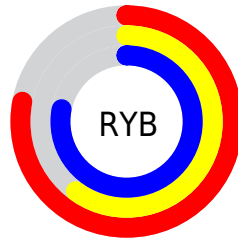
The CIELCh color $69, 28.943, 325.642$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 28.925, 143.003$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 28.837, 325.429$, and $49, 29.271, 325.976$ is the 20% darker color. If you saturate the color by 10%, you get $64, 41.863, 326.173$, and if you desaturate by 10%, it is $74, 15.858, 325.092$.

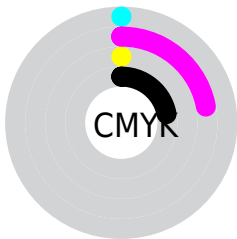
Distribution



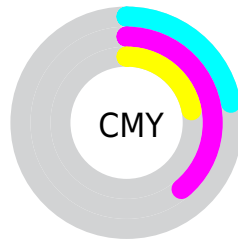
- Red (78%)
- Green (60%)
- Blue (78%)



- Red (78%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (39%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 28.943, 325.642 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, 28.943, 325.642 by changing the saturation by 10% instead.

 69, 28.943,
325.642

 69, 28.943,
325.642

 100, 28.943,
325.642

 59, 28.943,
325.642

 89, 28.943,
325.642

 49, 28.943,
325.642

 99, 28.943,
325.642

 39, 28.943,
325.642

 29, 28.943,
325.642

 19, 28.943,
325.642

 9, 28.943, 325.642

 0, 28.943, 325.642

69, 28.943,
325.642

69, 28.943,
325.642

64, 41.863,
326.173

74, 15.858,
325.092

60, 54.308,
326.673

79, 2.840, 324.473

56, 65.866,
327.126

84, 9.964, 144.052

53, 76.054,
327.515

89, 22.463,
143.517

51, 84.376,
327.826

95, 34.604,
143.013

49, 90.438,
328.048

95, 35.540,
142.975


48, 94.083,
328.180

95, 35.539,
142.975

47, 95.628,

95, 35.538,
142.976

328.235

 95, 35.538,
142.977

Harmonies

Complementary

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



69, 28.943, 325.642



76, 28.925, 143.003

Rectangle

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



69, 28.943, 325.642



69, 28.943, 15.642



69, 28.943, 145.642



69, 28.943, 195.642

Sweetspot

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



69, 28.941, 325.642



96, 11.134, 324.803



65, 24.495, 292.717



51, 7.237, 324.838



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, 28.941, 325.642



84, 43.153, 325.922



68, 20.574, 345.604



39, 7.382, 324.934



39, 82.756, 328.235



4, 26.740, 327.028

Inverse Universe

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



69, 28.941, 325.642



84, 43.153, 325.922



76, 20.014, 161.699



39, 7.382, 324.934



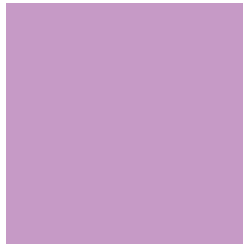
39, 82.756, 328.235



4, 26.740, 327.028

Previews

White Background



This preview shows how the CIELCh color 69, 28.943, 325.642 looks on a white background.

Color Contrast Check

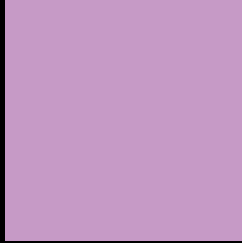
Large Text (above 18pt) WCAG AA × Fail

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, 28.943, 325.642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

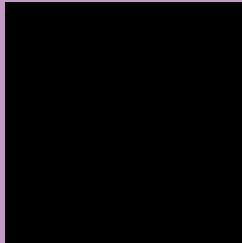
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 28.943, 325.642

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.943, 325.642.



This preview shows how white text looks on a background with the CIELCh color 69, 28.943, 325.642.

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, 15.509, 353.647

Trichromacy



Original Color
69, 28.943, 325.642

Protanomaly
69, 23.517, 301.773

Deuteranomaly
69, 21.270, 312.709

Tritanomaly
69, 20.037, 338.244

Monochromacy



Original Color
69, 28.943, 325.642

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.643, 324.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.943, 325.642 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(198, 154, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 154, 198)  
}
```

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(198, 154, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 154, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.943, 325.642 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(198, 154, 198) }
```

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

```
.border{ border-color:rgb(198, 154, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 154, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 154, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 154, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 154,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.943, 325.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 154, 198) }
```

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

```
.background{ background-color: rgb(198,  
154, 198) }
```

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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