

Converting Colors

CIELCh(69, 35.061, 326.923)

Have a look what the booklet for
CIELCh(69, 35.061, 326.923)
contains.

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Color

CIELCh(69, 35.247, 327.429)

Conversions

Conversions Part 1

Format	Color
Hex	CE96CB
RGB	206, 150, 203
RGB Percent	81%, 59%, 80%
CMY	0.1914, 0.4110, 0.2031
CMYK	0.00, 0.27, 0.01, 0.19
HSL	303°, 36%, 70%
HSV	303°, 27%, 81%
XYZ	47.2483, 39.3444, 61.7269
YIQ	172.7860, 16.3630, 28.3550

Conversions

Conversions Part 2

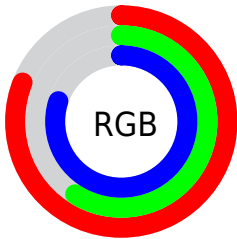
Format	Color
R_{YB}	206, 150, 203
Decimal	13539019
CIE _{Lab}	69.00, 29.70, -18.98
CIE _{LCh}	69, 35.247, 327.429
Yxy	39.3444, 0.3186, 0.2653
Android (android.graphics.Color)	4291729099 (0xFFCE96CB)
YUV	172.7860, 14.8955, 29.1287
Hunter-Lab	62.7251, 24.6880, -14.4389

Details

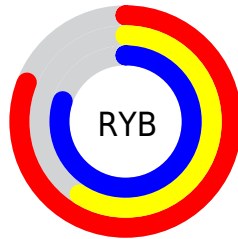
The CIELCh color $69, 35.247, 327.429$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 35.226, 144.033$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 31.354, 325.516$, and $49, 35.586, 327.356$ is the 20% darker color. If you saturate the color by 10%, you get $64, 47.929, 327.982$, and if you desaturate by 10%, it is $74, 22.260, 326.862$.

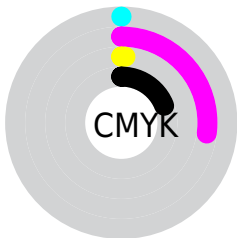
Distribution



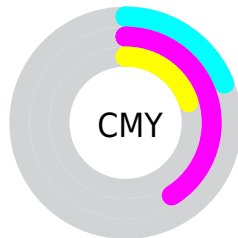
- Red (81%)
- Green (59%)
- Blue (80%)



- Red (81%)
- Yellow (59%)
- Blue (80%)



- Cyan (0%)
- Magenta (27%)
- Yellow (1%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 35.247, 327.429 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, 35.247, 327.429 by changing the saturation by 10% instead.


 69, 35.247,
327.429

 69, 35.247,
327.429


 100, 35.247,
327.429


 59, 35.247,
327.429


 89, 35.247,
327.429

 49, 35.247,
327.429

 99, 35.247,
327.429

 39, 35.247,
327.429

 29, 35.247,
327.429

 19, 35.247,
327.429

 9, 35.247, 327.429

 0, 35.247, 327.429

69, 35.247,
327.429

69, 35.247,
327.429

64, 47.929,
327.982

74, 22.260,
326.862

60, 59.944,
328.508

79, 9.244, 326.281

56, 70.825,
328.997

84, 3.619, 145.832

90, 16.215,
145.232

53, 80.052,
329.437

95, 28.477,
144.705

51, 87.138,
329.821

96, 29.053,
145.252

49, 91.761,
330.148


96, 28.596,
145.913

49, 93.965,
330.428

96, 28.141,
146.594

48, 94.385,

330.504

 96, 27.690,
147.297

Harmonies

Complementary

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



69, 35.247, 327.429



78, 35.226, 144.033

Rectangle

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



69, 35.247, 327.429



69, 35.247, 17.429



69, 35.247, 147.429



69, 35.247, 197.429

Sweetspot

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



69, 35.245, 327.429



95, 12.276, 326.337



64, 31.298, 295.108



50, 8.732, 326.427



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, 35.245, 327.429



80, 50.729, 327.777



68, 25.316, 349.050



40, 7.268, 326.413



39, 80.292, 330.467



5, 27.818, 329.290

Inverse Universe

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



69, 35.245, 327.429



80, 50.729, 327.777



79, 24.256, 163.891



40, 7.268, 326.413



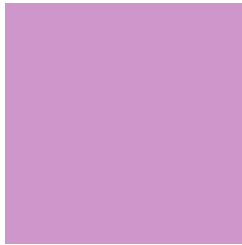
39, 80.292, 330.467



5, 27.818, 329.290

Previews

White Background



This preview shows how the CIELCh color 69, 35.247, 327.429 looks on a white background.

Color Contrast Check

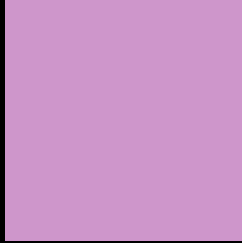
Large Text (above 18pt) WCAG AA × Fail

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 69, 35.247, 327.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

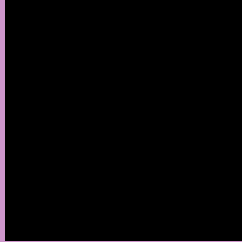
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 35.247, 327.429

Background



This preview shows how black text looks on a background with the CIELCh color 69, 35.247, 327.429.



This preview shows how white text looks on a background with the CIELCh color 69, 35.247, 327.429.

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, 35.247, 327.429

Protanopia
69, 26.464, 285.661

Deuteranopia
69, 19.362, 297.253



Tritanopia
69, 18.573, 0.620

Trichromacy



Original Color
69, 35.247, 327.429

Protanomaly
69, 28.030, 302.654

Deuteranomaly
69, 24.084, 312.066

Tritanomaly
69, 23.261, 344.109

Monochromacy



Original Color
69, 35.247, 327.429

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 12.834, 326.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 35.247, 327.429 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(206, 150, 203)` looks like.

```
.text, #text, p{  
    color:rgb(206, 150, 203)  
}
```

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(206, 150, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 150, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 35.247, 327.429 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(206, 150, 203) }
```

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

```
.border{ border-color:rgb(206, 150, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 150, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 150, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 150, 203);  
box-shadow:4px 4px 4px 4px rgb(206, 150,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 35.247, 327.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 150, 203) }
```

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

```
.background{ background-color: rgb(206,  
150, 203) }
```

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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