

Converting Colors

CIELCh(69, 27.271, 335.815)

Have a look what the booklet for
CIELCh(69, 27.271, 335.815)
contains.

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Color

CIELCh(69, 27.244, 335.807)

Conversions

Conversions Part 1

Format	Color
Hex	CC99BD
RGB	204, 153, 189
RGB Percent	80%, 60%, 74%
CMY	0.1996, 0.3996, 0.2584
CMYK	0.00, 0.25, 0.07, 0.20
HSL	318°, 33%, 70%
HSV	318°, 25%, 80%
XYZ	45.5330, 39.3444, 53.3952
YIQ	172.3530, 18.8400, 22.0080

Conversions

Conversions Part 2

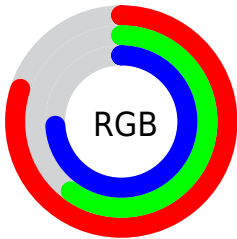
Format	Color
R_{YB}	204, 153, 189
Decimal	13408701
CIE _{Lab}	69.00, 24.85, -11.16
CIE _{LCh}	69, 27.244, 335.807
Yxy	39.3444, 0.3293, 0.2845
Android (android.graphics.Color)	4291598781 (0xFFCC99BD)
YUV	172.3530, 8.2070, 27.7544
Hunter-Lab	62.7251, 19.8067, -6.5635

Details

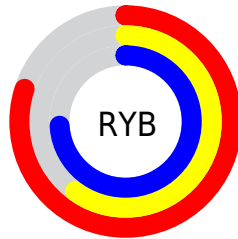
The CIELCh color $69, 27.244, 335.807$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 26.992, 152.120$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 25.444, 332.155$, and $49, 27.596, 335.332$ is the 20% darker color. If you saturate the color by 10%, you get $64, 38.061, 336.601$, and if you desaturate by 10%, it is $74, 16.279, 335.060$.

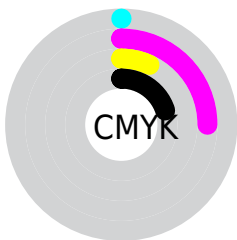
Distribution



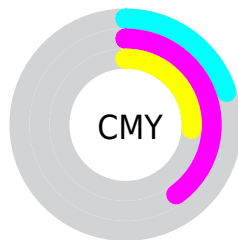
- Red (80%)
- Green (60%)
- Blue (74%)



- Red (80%)
- Yellow (60%)
- Blue (74%)



- Cyan (0%)
- Magenta (25%)
- Yellow (7%)
- Black (20%)




- Cyan (20%)
- Magenta (40%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 27.244, 335.807 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, 27.244, 335.807 by changing the saturation by 10% instead.

 69, 27.244,
335.807


 69, 27.244,
335.807

 100, 27.244,
335.807


 59, 27.244,
335.807

 89, 27.244,
335.807

 49, 27.244,
335.807

 99, 27.244,
335.807

 39, 27.244,
335.807

 29, 27.244,
335.807

 19, 27.244,
335.807

 9, 27.244, 335.807

 0, 27.244, 335.807

69, 27.244,
335.807

69, 27.244,
335.807

64, 38.061,
336.601

74, 16.279,
335.060

60, 48.437,
337.452

79, 5.379, 334.322

85, 5.329, 153.794

56, 57.960,
338.380

90, 15.770,
153.133

52, 66.133,
339.414

96, 25.816,
152.581

49, 72.433,
340.598

96, 23.604,
157.595

47, 76.441,
341.992


96, 21.584,
163.558

46, 78.021,
343.672

96, 19.818,
170.628

45, 78.244,

344.600

 96, 18.382,
178.905

Harmonies

Complementary

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



69, 27.244, 335.807



78, 26.992, 152.120

Rectangle

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



69, 27.244, 335.807



69, 27.244, 25.807



69, 27.244, 155.807



69, 27.244, 205.807

Sweetspot

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



69, 27.242, 335.808



95, 9.057, 334.484



66, 28.844, 302.868



50, 5.888, 334.529



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, 27.242, 335.808



81, 39.171, 336.230



68, 20.784, 4.639



40, 6.135, 334.653



37, 67.218, 344.284



4, 22.839, 340.417

Inverse Universe

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



69, 27.242, 335.808



81, 39.171, 336.230



78, 18.862, 179.678



40, 6.135, 334.653



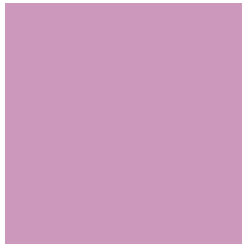
37, 67.218, 344.284



4, 22.839, 340.417

Previews

White Background



This preview shows how the CIELCh color 69, 27.244, 335.807 looks on a white background.

Color Contrast Check

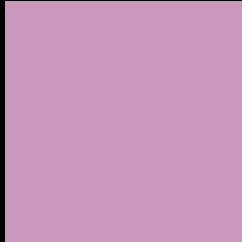
Large Text (above 18pt) WCAG AA × Fail

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, 27.244, 335.807 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, 27.244, 335.807

Background



This preview shows how black text looks on a background with the CIELCh color 69, 27.244, 335.807.



This preview shows how white text looks on a background with the CIELCh color 69, 27.244, 335.807.

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, 27.244, 335.807

Protanopia

69, 17.060, 287.212

Deuteranopia

69, 13.568, 311.828



Tritanopia
69, 18.205, 0.135

Trichromacy



Original Color
69, 27.244, 335.807

Protanomaly
69, 19.125, 309.324

Deuteranomaly
69, 18.370, 324.248

Tritanomaly
69, 20.614, 349.474

Monochromacy



Original Color
69, 27.244, 335.807

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.118, 335.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 27.244, 335.807 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(204, 153, 189)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 189)  
}
```

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(204, 153, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 27.244, 335.807 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(204, 153, 189) }
```

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

```
.border{ border-color:rgb(204, 153, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 189);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 27.244, 335.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 189) }
```

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

```
.background{ background-color: rgb(204,  
153, 189) }
```

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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