

Converting Colors

CIELCh(69, 28.029, 0.055)

Have a look what the booklet for
CIELCh(69, 28.029, 0.055) contains.

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Color

CIELCh(69, 27.857, 0.575)

Conversions

Conversions Part 1

Format	Color
Hex	D996A9
RGB	217, 150, 169
RGB Percent	85%, 59%, 66%
CMY	0.1497, 0.4124, 0.3379
CMYK	0.00, 0.31, 0.22, 0.15
HSL	343°, 47%, 72%
HSV	343°, 31%, 85%
XYZ	46.5901, 39.3444, 42.5947
YIQ	172.1990, 33.8330, 20.1130

Conversions

Conversions Part 2

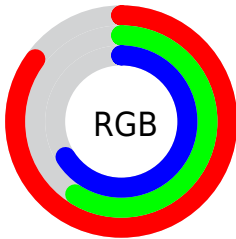
Format	Color
RYB	217, 150, 169
Decimal	14259881
CIELab	69.00, 27.86, 0.28
CIELCh	69, 27.857, 0.575
Yxy	39.3444, 0.3625, 0.3061
Android (android.graphics.Color)	4292449961 (0xFFD996A9)
YUV	172.1990, -1.5771, 39.2905
Hunter-Lab	62.7251, 22.8149, 3.6456

Details

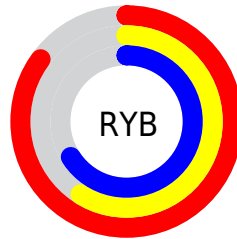
The CIELCh color $69, 27.857, 0.575$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $82, 25.269, 174.059$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 20.729, 352.582$, and $49, 28.090, 0.430$ is the 20% darker color. If you saturate the color by 10%, you get $64, 37.281, 2.165$, and if you desaturate by 10%, it is $75, 18.528, 359.251$.

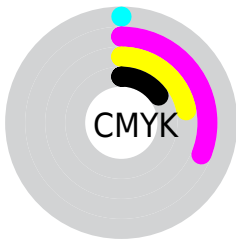
Distribution



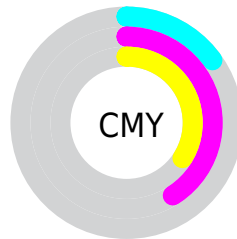
- Red (85%)
- Green (59%)
- Blue (66%)



- Red (85%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (31%)
- Yellow (22%)
- Black (15%)



- Cyan (15%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 27.857, 0.575 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, 27.857, 0.575 by changing the saturation by 10% instead.

 69, 27.857, 0.575  69, 27.857, 0.575

 100, 27.857, 0.575  59, 27.857, 0.575

 89, 27.857, 0.575  49, 27.857, 0.575


 99, 27.857, 0.575  39, 27.857, 0.575

 29, 27.857, 0.575












 19, 27.857, 0.575

 9, 27.857, 0.575

 0, 27.857, 0.575

 69, 27.857, 0.575  69, 27.857, 0.575

 64, 37.281, 2.165  75, 18.528,

	59, 46.544, 4.107	359.251
	55, 55.278, 6.534	 80, 9.467, 358.105
	51, 63.066, 9.606	 86, 0.763, 356.518
	48, 69.559, 13.492	 92, 7.548, 176.409
	47, 74.664, 18.295	 97, 13.813, 180.210
	46, 78.534, 23.243	 97, 12.827, 198.649

Harmonies

Complementary

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



69, 27.857, 0.575



82, 25.269, 174.059

Rectangle

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



69, 27.857, 0.575



69, 27.857, 50.575



69, 27.857, 180.575



69, 27.857, 230.575

Sweetspot

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



69, 27.854, 0.578



94, 8.888, 357.908



68, 40.270, 317.057



49, 6.196, 358.068



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, 27.854, 0.578



76, 38.354, 1.566



72, 23.180, 39.233



43, 4.964, 357.947



36, 66.097, 22.287



5, 23.860, 7.786

Inverse Universe

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



69, 27.854, 0.578



76, 38.354, 1.566



79, 18.697, 220.938



43, 4.964, 357.947



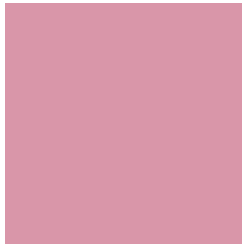
36, 66.097, 22.287



5, 23.860, 7.786

Previews

White Background



This preview shows how the CIELCh color 69, 27.857, 0.575 looks on a white background.

Color Contrast Check

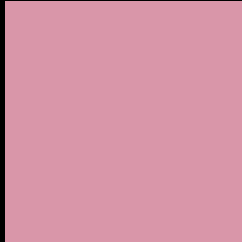
Large Text (above 18pt) WCAG AA × Fail

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, 27.857, 0.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

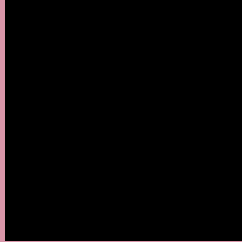
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 27.857, 0.575

Background



This preview shows how black text looks on a background with the CIELCh color 69, 27.857, 0.575.



This preview shows how white text looks on a background with the CIELCh color 69, 27.857, 0.575.

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, 27.857, 0.575

Protanopia
69, 6.061, 294.273

Deuteranopia
69, 9.030, 9.741



Tritanopia
69, 26.250, 8.942

Trichromacy



Original Color
69, 27.857, 0.575

Protanomaly
69, 12.210, 341.592

Deuteranomaly
69, 15.883, 2.930

Tritanomaly
69, 26.394, 6.612

Monochromacy



Original Color
69, 27.857, 0.575

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 9.955, 357.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 27.857, 0.575 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(217, 150, 169)` looks like.

```
.text, #text, p{  
    color:rgb(217, 150, 169)  
}
```

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(217, 150, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 150, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 27.857, 0.575 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(217, 150, 169) }
```

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

```
.border{ border-color:rgb(217, 150, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 150, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 150, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 150, 169);  
box-shadow:4px 4px 4px 4px rgb(217, 150,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 27.857, 0.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 150, 169) }
```

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

```
.background{ background-color: rgb(217,  
150, 169) }
```

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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