

Converting Colors

CIELCh(69, 28.917, 353.045)

Have a look what the booklet for
CIELCh(69, 28.917, 353.045)
contains.

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Color

CIELCh(69, 28.772, 352.982)

Conversions

Conversions Part 1

Format	Color
Hex	D896B0
RGB	216, 150, 176
RGB Percent	85%, 59%, 69%
CMY	0.1546, 0.4133, 0.3113
CMYK	0.00, 0.31, 0.19, 0.15
HSL	336°, 46%, 72%
HSV	336°, 31%, 85%
XYZ	46.8390, 39.3444, 45.9967
YIQ	172.6980, 30.9900, 22.0780

Conversions

Conversions Part 2

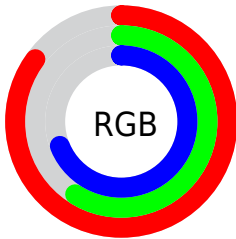
Format	Color
R _Y B	216, 150, 176
Decimal	14194352
CIE Lab	69.00, 28.56, -3.52
CIE LCh	69, 28.772, 352.982
Yxy	39.3444, 0.3544, 0.2977
Android (android.graphics.Color)	4292384432 (0xFFD896B0)
YUV	172.6980, 1.6279, 37.9759
Hunter-Lab	62.7251, 23.5232, 0.4299

Details

The CIELCh color $69, 28.772, 352.982$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $81, 27.037, 166.783$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 22.834, 343.209$, and $49, 29.032, 352.341$ is the 20% darker color. If you saturate the color by 10%, you get $64, 38.326, 354.393$, and if you desaturate by 10%, it is $74, 19.169, 351.778$.

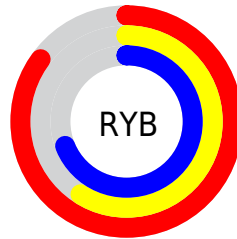
Distribution



Red (85%)

Green (59%)

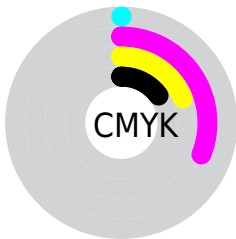
Blue (69%)



Red (85%)

Yellow (59%)

Blue (69%)

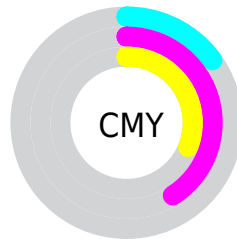


Cyan (0%)

Magenta (31%)

Yellow (19%)

Black (15%)



Cyan (15%)


Magenta (41%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 28.772, 352.982 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, 28.772, 352.982 by changing the saturation by 10% instead.

 69, 28.772,
352.982


 69, 28.772,
352.982


 100, 28.772,
352.982


 59, 28.772,
352.982


 89, 28.772,
352.982

 49, 28.772,
352.982

 99, 28.772,
352.982

 39, 28.772,
352.982

 29, 28.772,
352.982

 19, 28.772,
352.982

 9, 28.772, 352.982

 0, 28.772, 352.982

69, 28.772,
352.982

69, 28.772,
352.982

64, 38.326,
354.393

74, 19.169,
351.778

59, 47.535,
356.081

80, 9.722, 350.712

86, 0.546, 348.980

55, 55.990,
358.151

92, 8.301, 169.074

51, 63.215, 0.746

97, 15.467,
170.718

49, 68.792, 4.040

97, 13.271,
196.395

47, 72.554, 8.203

46, 74.892, 12.851

97, 13.225,
198.623

Harmonies

Complementary

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



69, 28.772, 352.982



81, 27.037, 166.783

Rectangle

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



69, 28.772, 352.982



69, 28.772, 42.982



69, 28.772, 172.982



69, 28.772, 222.982

Sweetspot

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



69, 28.769, 352.984



94, 9.437, 350.558



68, 38.937, 313.837



49, 6.573, 350.708



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, 28.769, 352.984



76, 40.006, 353.909



70, 24.511, 29.892



42, 5.169, 350.592



36, 62.851, 11.917



5, 22.695, 1.027

Inverse Universe

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



69, 28.769, 352.984



76, 40.006, 353.909



80, 19.700, 208.419



42, 5.169, 350.592



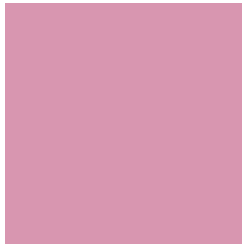
36, 62.851, 11.917



5, 22.695, 1.027

Previews

White Background



This preview shows how the CIELCh color 69, 28.772, 352.982 looks on a white background.

Color Contrast Check

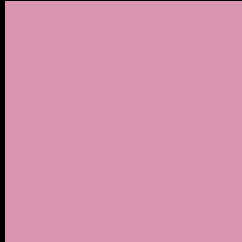
Large Text (above 18pt) WCAG AA × Fail

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, 28.772, 352.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

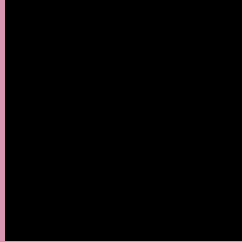
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 28.772, 352.982

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.772, 352.982.



This preview shows how white text looks on a background with the CIELCh color 69, 28.772, 352.982.

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, 28.772, 352.982

Protanopia

69, 10.434, 289.253

Deuteranopia

69, 8.756, 345.933



Tritanopia
69, 25.049, 8.155

Trichromacy



Original Color
69, 28.772, 352.982

Protanomaly
69, 15.069, 327.490

Deuteranomaly
69, 15.992, 350.111

Tritanomaly
69, 26.452, 1.709

Monochromacy



Original Color
69, 28.772, 352.982

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.395, 352.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.772, 352.982 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(216, 150, 176)` looks like.

```
.text, #text, p{  
    color:rgb(216, 150, 176)  
}
```

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(216, 150, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 150, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.772, 352.982 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(216, 150, 176) }
```

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

```
.border{ border-color:rgb(216, 150, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 150, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 150, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 150, 176);  
box-shadow:4px 4px 4px 4px rgb(216, 150,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.772, 352.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 150, 176) }
```

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

```
.background{ background-color: rgb(216,  
150, 176) }
```

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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