

Converting Colors

CIELCh(69, 12.749, 296.096)

Have a look what the booklet for
CIELCh(69, 12.749, 296.096)
contains.

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Color

CIELCh(69, 12.715, 296.299)

Conversions

Conversions Part 1

Format	Color
Hex	A9A6BD
RGB	169, 166, 189
RGB Percent	66%, 65%, 74%
CMY	0.3375, 0.3493, 0.2591
CMYK	0.11, 0.12, 0.00, 0.26
HSL	248°, 15%, 70%
HSV	248°, 12%, 74%
XYZ	39.1473, 39.3444, 53.6333
YIQ	169.5190, -5.5950, 7.7890

Conversions

Conversions Part 2

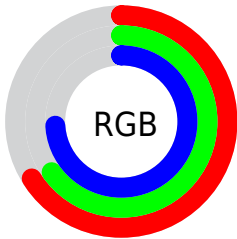
Format	Color
R _Y B	169, 166, 189
Decimal	11118269
CIE Lab	69.00, 5.63, -11.40
CIE LCh	69, 12.715, 296.299
Yxy	39.3444, 0.2963, 0.2978
Android (android.graphics.Color)	4289308349 (0xFFA9A6BD)
YUV	169.5190, 9.6041, -0.4552
Hunter-Lab	62.7251, 1.6345, -6.7885

Details

The CIELCh color $69, 12.715, 296.299$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $76, 12.375, 114.367$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 12.580, 295.899$, and $49, 13.015, 296.846$ is the 20% darker color. If you saturate the color by 10%, you get $63, 23.617, 297.267$, and if you desaturate by 10%, it is $75, 2.232, 295.465$.

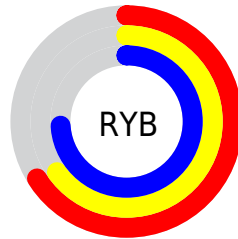
Distribution



Red (66%)

Green (65%)

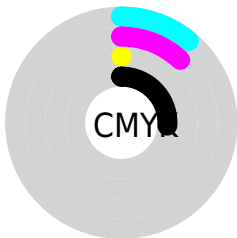
Blue (74%)



Red (66%)

Yellow (65%)

Blue (74%)

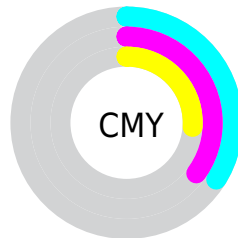


Cyan (11%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (34%)

Magenta (35%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 12.715, 296.299 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, 12.715, 296.299 by changing the saturation by 10% instead.

 69, 12.715,
296.299


 69, 12.715,
296.299


 100, 12.715,
296.299

 59, 12.715,
296.299

 89, 12.715,
296.299


 49, 12.715,
296.299


 99, 12.715,
296.299

 39, 12.715,
296.299

 29, 12.715,
296.299

 19, 12.715,
296.299

 9, 12.715, 296.299

 0, 12.715, 296.299

69, 12.715,
296.299

69, 12.715,
296.299

63, 23.617,
297.267

75, 2.232, 295.465

56, 34.960,
298.391

81, 7.852, 114.740

50, 46.735,
299.673

88, 17.566,
114.126

44, 58.877,
301.104

94, 26.934,
113.599

38, 71.179,
302.638

98, 33.284,
110.221

33, 83.155,
304.166

99, 33.241,
107.647

28, 93.852,
305.496

25, 101.839,

306.370

■ 23, 105.992,
306.762

Harmonies

Complementary

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



69, 12.715, 296.299



76, 12.375, 114.367

Rectangle

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



69, 12.715, 296.299



69, 12.715, 346.299



69, 12.715, 116.299



69, 12.715, 166.299

Sweetspot

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



69, 12.713, 296.296



93, 5.083, 295.611



74, 7.392, 210.272



49, 3.615, 295.671



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 12.713, 296.296



85, 19.452, 296.579



70, 13.695, 313.533



37, 5.882, 296.047



18, 92.807, 306.829



1, 17.492, 294.269

Inverse Universe

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



71, 13.914, 328.905



87, 21.195, 329.092



75, 13.524, 132.533



37, 6.462, 328.732



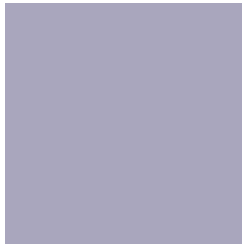
36, 73.089, 334.127



3, 18.890, 330.649

Previews

White Background



This preview shows how the CIELCh color 69, 12.715, 296.299 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, 12.715, 296.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

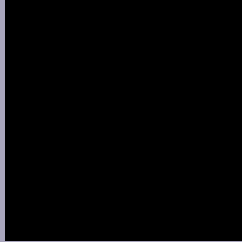
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 12.715, 296.299

Background



This preview shows how black text looks on a background with the CIELCh color 69, 12.715, 296.299.



This preview shows how white text looks on a background with the CIELCh color 69, 12.715, 296.299.

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, 12.715, 296.299

Protanopia

69, 12.649, 288.227

Deuteranopia

69, 14.377, 307.580



Tritanopia
69, 7.713, 293.675

Trichromacy



Original Color
69, 12.715, 296.299

Protanomaly
69, 12.640, 289.834

Deuteranomaly
69, 13.559, 303.766

Tritanomaly
69, 9.359, 293.343

Monochromacy



Original Color
69, 12.715, 296.299

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.419, 295.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 12.715, 296.299 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(169, 166, 189)` looks like.

```
.text, #text, p{  
    color:rgb(169, 166, 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(169, 166, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 166, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 12.715, 296.299 is called "border". The border property can be set on classes, ids or directly on the HTML element.

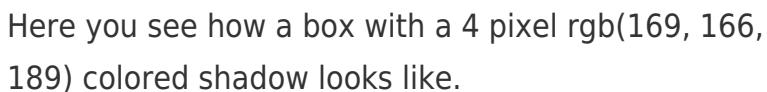
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 166, 189) }
```

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

```
.border{ border-color:rgb(169, 166, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 166, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 166, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 166, 189); box-shadow:4px 4px 4px 4px rgb(169, 166, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 12.715, 296.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 166, 189) }
```

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

```
.background{ background-color: rgb(169,  
166, 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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