

Converting Colors

CIELCh(69, 29.877, 301.148)

Have a look what the booklet for
CIELCh(69, 29.877, 301.148)
contains.

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Color

CIELCh(69, 30.133, 301.415)

Conversions

Conversions Part 1

Format	Color
Hex	AEA1D7
RGB	174, 161, 215
RGB Percent	68%, 63%, 84%
CMY	0.3180, 0.3690, 0.1573
CMYK	0.19, 0.25, 0.00, 0.16
HSL	254°, 40%, 74%
HSV	254°, 25%, 84%
XYZ	42.4141, 39.3444, 69.5795
YIQ	171.0430, -9.5860, 19.5500

Conversions

Conversions Part 2

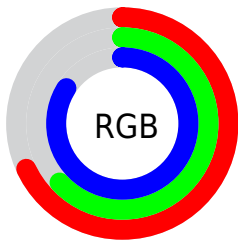
Format	Color
RYB	174, 161, 215
Decimal	11444695
CIELab	69.00, 15.71, -25.72
CIELCh	69, 30.133, 301.415
Yxy	39.3444, 0.2803, 0.2600
Android (android.graphics.Color)	4289634775 (0xFFAEA1D7)
YUV	171.0430, 21.6708, 2.5933
Hunter-Lab	62.7251, 10.9311, -21.8614

Details

The CIELCh color $69, 30.133, 301.415$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $84, 28.578, 117.950$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 21.004, 304.858$, and $49, 30.392, 301.785$ is the 20% darker color. If you saturate the color by 10%, you get $62, 42.897, 302.340$, and if you desaturate by 10%, it is $76, 17.805, 300.596$.

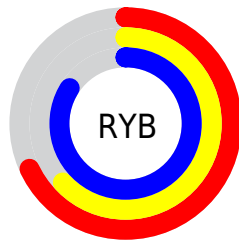
Distribution



Red (68%)

Green (63%)

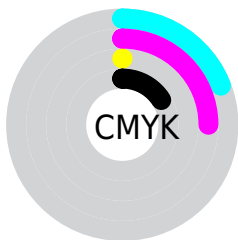
Blue (84%)



Red (68%)

Yellow (63%)

Blue (84%)

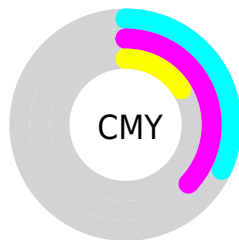


Cyan (19%)

Magenta (25%)

Yellow (0%)

Black (16%)



Cyan (32%)


Magenta (37%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 30.133, 301.415 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, 30.133, 301.415 by changing the saturation by 10% instead.


 69, 30.133,
301.415


 69, 30.133,
301.415


 100, 30.133,
301.415


 59, 30.133,
301.415


 89, 30.133,
301.415

 49, 30.133,
301.415


 99, 30.133,
301.415

 39, 30.133,
301.415

 29, 30.133,
301.415

 19, 30.133,
301.415

 9, 30.133, 301.415

 0, 30.133, 301.415

69, 30.133,
301.415

69, 30.133,
301.415

62, 42.897,
302.340

76, 17.805,
300.596

56, 56.047,
303.367

83, 5.927, 299.879

89, 5.517, 119.270

49, 69.427,
304.468

96, 16.547,
118.732

43, 82.688,
305.582

99, 20.268,
108.643

37, 95.146,
306.592

33, 105.663,
307.319

30, 112.836,
307.554

28, 115.327,

307.562

Harmonies

Complementary

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



69, 30.133, 301.415



84, 28.578, 117.950

Rectangle

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



69, 30.133, 301.415



69, 30.133, 351.415



69, 30.133, 121.415



69, 30.133, 171.415

Sweetspot

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



69, 30.131, 301.414



94, 10.684, 300.081



79, 15.219, 224.917



49, 7.613, 300.188



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, 30.131, 301.414



77, 41.731, 301.879



71, 32.648, 317.856



41, 6.595, 300.175



22, 97.036, 307.683



2, 27.926, 300.003

Inverse Universe

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



72, 29.641, 333.661



82, 40.635, 334.033



82, 32.120, 135.577



42, 6.635, 332.569



38, 71.239, 340.649



6, 27.609, 337.881

Previews

White Background



This preview shows how the CIELCh color 69, 30.133, 301.415 looks on a white background.

Color Contrast Check

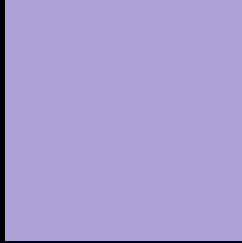
Large Text (above 18pt) WCAG AA × Fail

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, 30.133, 301.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

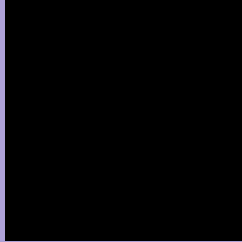
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 30.133, 301.415

Background



This preview shows how black text looks on a background with the CIELCh color 69, 30.133, 301.415.



This preview shows how white text looks on a background with the CIELCh color 69, 30.133, 301.415.

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, 30.133, 301.415

Protanopia

69, 29.261, 285.462

Deuteranopia

69, 26.942, 290.028



Tritanopia
69, 7.164, 293.836

Trichromacy



Original Color
69, 30.133, 301.415

Protanomaly
69, 29.696, 291.217

Deuteranomaly
69, 27.525, 294.275

Tritanomaly
69, 15.542, 298.277

Monochromacy



Original Color
69, 30.133, 301.415

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 11.164, 300.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 30.133, 301.415 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(174, 161, 215)` looks like.

```
.text, #text, p{  
    color:rgb(174, 161, 215)  
}
```

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(174, 161, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 161, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 30.133, 301.415 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(174, 161, 215) }
```

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

```
.border{ border-color:rgb(174, 161, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 161, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 161, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 161, 215);  
box-shadow:4px 4px 4px 4px rgb(174, 161,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 30.133, 301.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 161, 215) }
```

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

```
.background{ background-color: rgb(174,  
161, 215) }
```

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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