

Converting Colors

CIELCh(69, 28.022, 291.588)

Have a look what the booklet for
CIELCh(69, 28.022, 291.588)
contains.

CIELCh(69, 28.053, 291.604)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 28.053, 291.604)

Conversions

Conversions Part 1

Format	Color
Hex	A2A4D7
RGB	162, 164, 215
RGB Percent	64%, 64%, 84%
CMY	0.3631, 0.3553, 0.1552
CMYK	0.25, 0.24, 0.00, 0.16
HSL	238°, 40%, 74%
HSV	238°, 25%, 84%
XYZ	40.6484, 39.3444, 70.0244
YIQ	169.2160, -17.5630, 15.4370

Conversions

Conversions Part 2

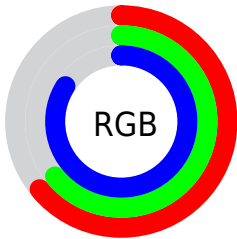
Format	Color
R_{YB}	162, 164, 215
Decimal	10659031
CIE _{Lab}	69.00, 10.33, -26.08
CIE _{LCh}	69, 28.053, 291.604
Yxy	39.3444, 0.2710, 0.2623
Android (android.graphics.Color)	4288849111 (0xFFA2A4D7)
YUV	169.2160, 22.5715, -6.3284
Hunter-Lab	62.7251, 5.9062, -22.2820

Details

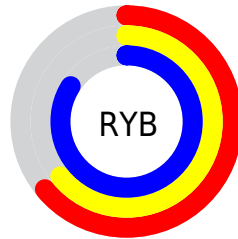
The CIELCh color $69, 28.053, 291.604$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $84, 26.586, 106.176$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 18.803, 290.694$, and $49, 28.237, 291.754$ is the 20% darker color. If you saturate the color by 10%, you get $62, 40.273, 293.186$, and if you desaturate by 10%, it is $76, 16.325, 290.256$.

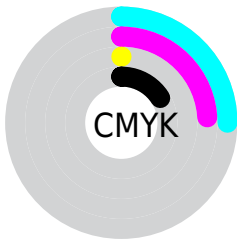
Distribution



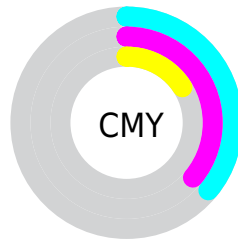
- Red (64%)
- Green (64%)
- Blue (84%)



- Red (64%)
- Yellow (64%)
- Blue (84%)



- Cyan (25%)
- Magenta (24%)
- Yellow (0%)
- Black (16%)



- Cyan (36%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 28.053, 291.604 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, 28.053, 291.604 by changing the saturation by 10% instead.

■ 69, 28.053,
291.604

■ 69, 28.053,
291.604

■ 100, 28.053,
291.604

■ 59, 28.053,
291.604

■ 89, 28.053,
291.604

■ 49, 28.053,
291.604

■ 99, 28.053,
291.604

■ 39, 28.053,
291.604

■ 29, 28.053,
291.604

■ 19, 28.053,
291.604

■ 9, 28.053, 291.604

■ 0, 28.053, 291.604

69, 28.053,
291.604

69, 28.053,
291.604

62, 40.273,
293.186

76, 16.325,
290.256

55, 53.010,
295.028

83, 5.059, 289.123

90, 5.784, 108.119

48, 66.230,
297.126

97, 16.234,
107.298

42, 79.742,
299.423

99, 20.005,
108.663

36, 92.996,
301.764

31, 104.813,
303.879

28, 113.409,
305.429

27, 116.227,

305.914

Harmonies

Complementary

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



69, 28.053, 291.604



84, 26.586, 106.176

Rectangle

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



69, 28.053, 291.604



69, 28.053, 341.604



69, 28.053, 111.604



69, 28.053, 161.604

Sweetspot

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



69, 28.052, 291.603



94, 8.844, 289.381



83, 18.039, 193.657



50, 5.753, 289.448



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, 28.052, 291.603



76, 39.670, 292.471



70, 30.309, 308.557



41, 6.251, 289.641



20, 97.348, 305.790



2, 26.853, 293.208

Inverse Universe

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



72, 20.955, 18.383



80, 29.876, 19.082



83, 29.184, 126.126



42, 4.550, 16.885



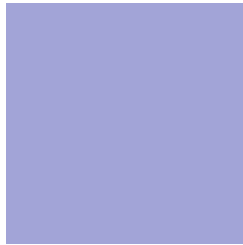
35, 75.765, 38.351



5, 21.973, 18.090

Previews

White Background



This preview shows how the CIELCh color 69, 28.053, 291.604 looks on a white background.

Color Contrast Check

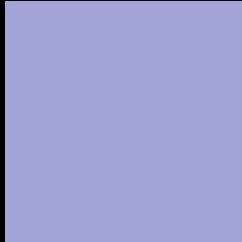
Large Text (above 18pt) WCAG AA × Fail

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, 28.053, 291.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

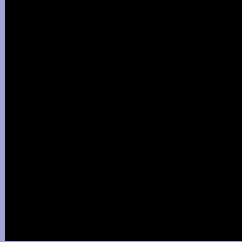
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 28.053, 291.604

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.053, 291.604.



This preview shows how white text looks on a background with the CIELCh color 69, 28.053, 291.604.

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

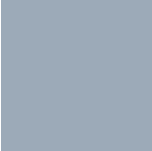
69, 28.053, 291.604

Protanopia

69, 28.148, 285.661

Deuteranopia

69, 27.499, 289.465



Tritanopia
69, 9.060, 257.514

Trichromacy



Original Color
69, 28.053, 291.604

Protanomaly
69, 28.076, 288.275

Deuteranomaly
69, 27.488, 290.142

Tritanomaly
69, 15.149, 278.413

Monochromacy



Original Color
69, 28.053, 291.604

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 10.434, 289.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.053, 291.604 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(162, 164, 215)` looks like.

```
.text, #text, p{  
    color:rgb(162, 164, 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(162, 164, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 164, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.053, 291.604 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(162, 164, 215) }
```

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

```
.border{ border-color:rgb(162, 164, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 164, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 164, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 164, 215);  
box-shadow:4px 4px 4px 4px rgb(162, 164,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.053, 291.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 164, 215) }
```

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

```
.background{ background-color: rgb(162,  
164, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor