

Converting Colors

CIELCh(69, 27.078, 285.237)

Have a look what the booklet for
CIELCh(69, 27.078, 285.237)
contains.

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Color

CIELCh(69, 27.067, 285.222)

Conversions

Conversions Part 1

Format	Color
Hex	9BA6D7
RGB	155, 166, 215
RGB Percent	61%, 65%, 84%
CMY	0.3906, 0.3475, 0.1553
CMYK	0.28, 0.23, 0.00, 0.16
HSL	229°, 43%, 73%
HSV	229°, 28%, 84%
XYZ	39.6142, 39.3444, 70.0671
YIQ	168.2970, -22.2850, 12.9070

Conversions

Conversions Part 2

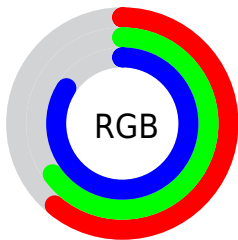
Format	Color
RYB	155, 164, 215
Decimal	10200791
CIELab	69.00, 7.11, -26.12
CIElCh	69, 27.067, 285.222
Yxy	39.3444, 0.2658, 0.2640
Android (android.graphics.Color)	4288390871 (0xFF9BA6D7)
YUV	168.2970, 23.0246, -11.6615
Hunter-Lab	62.7251, 2.9633, -22.3223

Details

The CIELCh color $69, 27.067, 285.222$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $82, 26.114, 98.191$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 18.030, 279.966$, and $49, 27.190, 285.277$ is the 20% darker color. If you saturate the color by 10%, you get $63, 37.390, 287.052$, and if you desaturate by 10%, it is $75, 17.082, 283.657$.

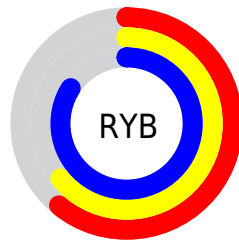
Distribution



Red (61%)

Green (65%)

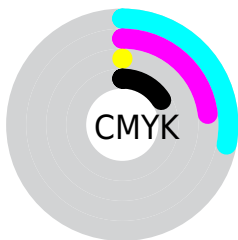
Blue (84%)



Red (61%)

Yellow (64%)

Blue (84%)

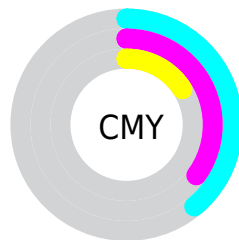


Cyan (28%)

Magenta (23%)

Yellow (0%)

Black (16%)



Cyan (39%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 27.067, 285.222 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, 27.067, 285.222 by changing the saturation by 10% instead.

■ 69, 27.067,
285.222

■ 69, 27.067,
285.222

■ 100, 27.067,
285.222

■ 59, 27.067,
285.222

■ 89, 27.067,
285.222

■ 49, 27.067,
285.222

■ 99, 27.067,
285.222

■ 39, 27.067,
285.222

■ 29, 27.067,
285.222

■ 19, 27.067,
285.222

■ 9, 27.067, 285.222

■ 0, 27.067, 285.222

69, 27.067,
285.222

69, 27.067,
285.222

63, 37.390,
287.052

75, 17.082,
283.657

57, 48.086,
289.182

81, 7.410, 282.329

87, 1.973, 101.081

51, 59.175,
291.624

94, 11.087,
100.158

45, 70.627,
294.349

99, 19.696,
107.986

40, 82.268,
297.258

99, 20.014,
108.663

35, 93.626,
300.155

31, 103.800,
302.748

30, 105.729,

Harmonies

Complementary

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



69, 27.067, 285.222



82, 26.114, 98.191

Rectangle

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



69, 27.067, 285.222



69, 27.067, 335.222



69, 27.067, 105.222



69, 27.067, 155.222

Sweetspot

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



69, 27.066, 285.221



94, 8.649, 282.356



82, 21.418, 182.009



49, 6.160, 282.543



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, 27.066, 285.221



77, 37.088, 286.184



68, 33.889, 304.239



42, 5.336, 282.521



23, 87.811, 302.824



3, 24.111, 289.512

Inverse Universe

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



70, 24.182, 7.559



78, 33.239, 8.365



83, 32.100, 120.849



42, 4.676, 5.343



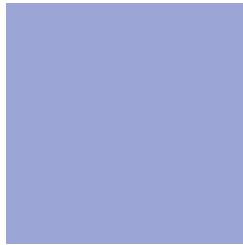
35, 69.389, 30.348



5, 22.032, 11.609

Previews

White Background



This preview shows how the CIELCh color 69, 27.067, 285.222 looks on a white background.

Color Contrast Check

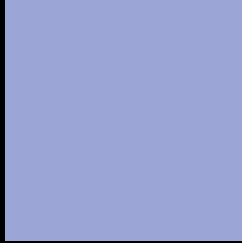
Large Text (above 18pt) WCAG AA × Fail

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, 27.067, 285.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

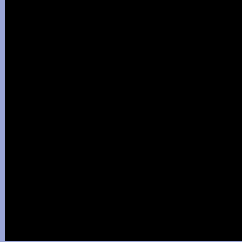
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

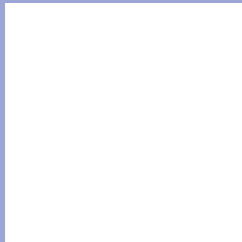
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 27.067, 285.222

Background



This preview shows how black text looks on a background with the CIELCh color 69, 27.067, 285.222.



This preview shows how white text looks on a background with the CIELCh color 69, 27.067, 285.222.

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, 27.067, 285.222

Protanopia

69, 27.034, 285.895

Deuteranopia

69, 28.059, 288.932



Tritanopia
69, 10.628, 241.307

Trichromacy



Original Color
69, 27.067, 285.222

Protanomaly
69, 27.034, 285.895

Deuteranomaly
69, 27.523, 287.430

Tritanomaly
69, 15.503, 266.778

Monochromacy



Original Color
69, 27.067, 285.222

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.964, 282.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 27.067, 285.222 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(155, 166, 215)` looks like.

```
.text, #text, p{  
    color:rgb(155, 166, 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(155, 166, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 166, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 27.067, 285.222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

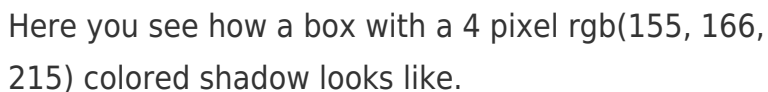
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 166, 215) }
```

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

```
.border{ border-color:rgb(155, 166, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 166, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 166, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 166, 215); box-shadow:4px 4px 4px 4px rgb(155, 166, 215) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 27.067, 285.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 166, 215) }
```

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

```
.background{ background-color: rgb(155,  
166, 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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