

Converting Colors

CIELCh(69, 16.888, 286.154)

Have a look what the booklet for
CIELCh(69, 16.888, 286.154)
contains.

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Color

CIELCh(69, 17.084, 286.061)

Conversions

Conversions Part 1

Format	Color
Hex	A2A7C6
RGB	162, 167, 198
RGB Percent	64%, 65%, 78%
CMY	0.3651, 0.3455, 0.2239
CMYK	0.18, 0.16, 0.00, 0.22
HSL	232°, 24%, 71%
HSV	232°, 18%, 78%
XYZ	38.8617, 39.3444, 58.9094
YIQ	169.0390, -12.9310, 8.5810

Conversions

Conversions Part 2

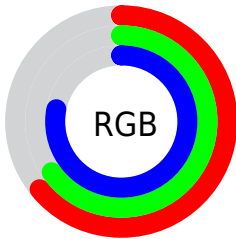
Format	Color
RYB	162, 166, 198
Decimal	10659782
CIELab	69.00, 4.73, -16.42
CIELCh	69, 17.084, 286.061
Yxy	39.3444, 0.2834, 0.2869
Android (android.graphics.Color)	4288849862 (0xFFA2A7C6)
YUV	169.0390, 14.2778, -6.1732
Hunter-Lab	62.7251, 0.8217, -11.7756

Details

The CIELCh color $69, 17.084, 286.061$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 16.612, 101.861$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 17.248, 286.016$, and $49, 17.093, 286.350$ is the 20% darker color. If you saturate the color by 10%, you get $63, 26.934, 287.572$, and if you desaturate by 10%, it is $75, 7.568, 284.773$.

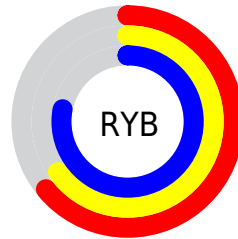
Distribution



Red (64%)

Green (65%)

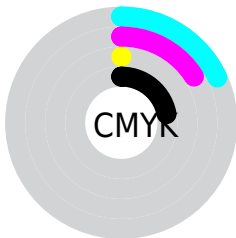
Blue (78%)



Red (64%)

Yellow (65%)

Blue (78%)

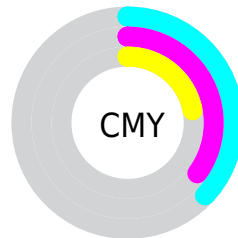


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (22%)



Cyan (37%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 17.084, 286.061 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, 17.084, 286.061 by changing the saturation by 10% instead.

■ 69, 17.084,
286.061

■ 69, 17.084,
286.061

■ 100, 17.084,
286.061

■ 59, 17.084,
286.061

■ 89, 17.084,
286.061

■ 49, 17.084,
286.061

■ 99, 17.084,
286.061

■ 39, 17.084,
286.061

■ 29, 17.084,
286.061

■ 19, 17.084,
286.061

■ 9, 17.084, 286.061

■ 0, 17.084, 286.061

69, 17.084,
286.061

69, 17.084,
286.061

63, 26.934,
287.572

75, 7.568, 284.773

57, 37.151,
289.343

81, 1.636, 103.573

51, 47.763,
291.400

87, 10.551,
102.685

45, 58.774,
293.747

93, 19.196,
101.868

40, 70.110,
296.344

98, 27.411,
105.786

35, 81.501,
299.070

99, 28.783,
107.990

30, 92.302,
301.704

27, 101.412,

303.928

■ 26, 102.800,
304.244

Harmonies

Complementary

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



69, 17.084, 286.061



78, 16.612, 101.861

Rectangle

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



69, 17.084, 286.061



69, 17.084, 336.061



69, 17.084, 106.061



69, 17.084, 156.061

Sweetspot

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



69, 17.083, 286.058



96, 5.653, 284.419



77, 13.124, 185.631



51, 3.860, 284.498



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, 17.083, 286.058



84, 25.562, 286.656



69, 20.397, 304.708



39, 5.272, 284.915



21, 88.225, 303.959



2, 19.425, 287.937

Inverse Universe

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



70, 14.241, 9.715



85, 21.414, 10.204



78, 19.744, 122.703



39, 4.343, 8.769



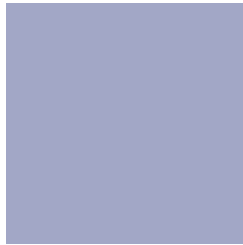
34, 68.934, 33.146



3, 16.037, 12.240

Previews

White Background



This preview shows how the CIELCh color 69, 17.084, 286.061 looks on a white background.

Color Contrast Check

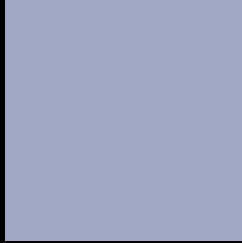
Large Text (above 18pt) WCAG AA × Fail

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, 17.084, 286.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

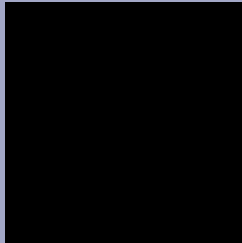
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

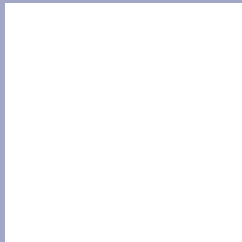
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 17.084, 286.061

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.084, 286.061.



This preview shows how white text looks on a background with the CIELCh color 69, 17.084, 286.061.

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, 17.084, 286.061

Protanopia

69, 17.084, 286.061

Deuteranopia

69, 18.876, 298.435



Tritanopia
69, 8.413, 265.692

Trichromacy



Original Color
69, 17.084, 286.061

Protanomaly
69, 17.084, 286.061

Deuteranomaly
69, 18.188, 294.190

Tritanomaly
69, 11.288, 276.721

Monochromacy



Original Color
69, 17.084, 286.061

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.622, 284.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.084, 286.061 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, 167, 198)` looks like.

```
.text, #text, p{  
    color:rgb(162, 167, 198)  
}
```

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, 167, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 167, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.084, 286.061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

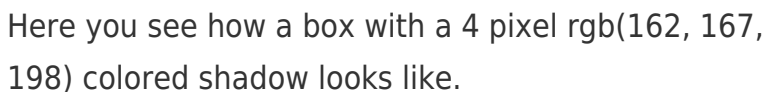
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 167, 198) }
```

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

```
.border{ border-color:rgb(162, 167, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 167, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 167, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 167, 198); box-shadow:4px 4px 4px 4px rgb(162, 167, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.084, 286.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 167, 198) }
```

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

```
.background{ background-color: rgb(162,  
167, 198) }
```

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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