

Converting Colors

CIELCh(69, 16.640, 286.678)

Have a look what the booklet for
CIELCh(69, 16.640, 286.678)
contains.

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Color

CIELCh(69, 16.514, 286.991)

Conversions

Conversions Part 1

Format	Color
Hex	A3A7C5
RGB	163, 167, 197
RGB Percent	64%, 65%, 77%
CMY	0.3616, 0.3459, 0.2283
CMYK	0.17, 0.15, 0.00, 0.23
HSL	233°, 23%, 71%
HSV	233°, 17%, 77%
XYZ	38.8929, 39.3444, 58.2353
YIQ	169.2240, -12.0140, 8.4820

Conversions

Conversions Part 2

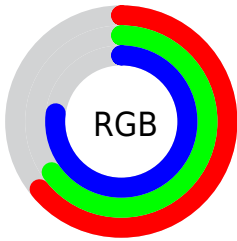
Format	Color
RYB	163, 167, 197
Decimal	10725317
CIELab	69.00, 4.83, -15.79
CIElCh	69, 16.514, 286.991
Yxy	39.3444, 0.2850, 0.2883
Android (android.graphics.Color)	4288915397 (0xFFA3A7C5)
YUV	169.2240, 13.6936, -5.4584
Hunter-Lab	62.7251, 0.9105, -11.1385

Details

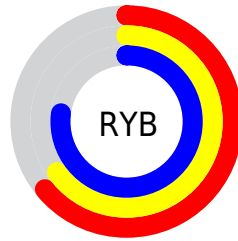
The CIELCh color $69, 16.514, 286.991$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 16.044, 103.089$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 16.707, 286.930$, and $49, 16.484, 287.276$ is the 20% darker color. If you saturate the color by 10%, you get $63, 26.540, 288.458$, and if you desaturate by 10%, it is $75, 6.839, 285.742$.

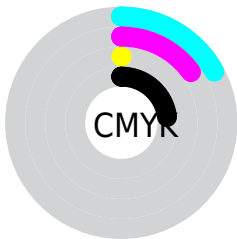
Distribution



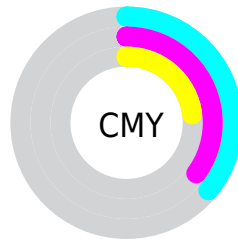
- Red (64%)
- Green (65%)
- Blue (77%)



- Red (64%)
- Yellow (65%)
- Blue (77%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (23%)





- Cyan (36%)
- Magenta (35%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 16.514, 286.991 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, 16.514, 286.991 by changing the saturation by 10% instead.


 69, 16.514,
286.991


 69, 16.514,
286.991


 100, 16.514,
286.991


 59, 16.514,
286.991


 89, 16.514,
286.991

 49, 16.514,
286.991


 99, 16.514,
286.991

 39, 16.514,
286.991

 29, 16.514,
286.991

 19, 16.514,
286.991

 9, 16.514, 286.991

 0, 16.514, 286.991

69, 16.514,
286.991

69, 16.514,
286.991

63, 26.540,
288.458

75, 6.839, 285.742

57, 36.952,
290.179

81, 2.507, 104.606

51, 47.775,
292.178

87, 11.551,
103.720

45, 59.009,
294.460

93, 20.311,
102.930

39, 70.566,
296.983

98, 28.670,
106.926

34, 82.142,
299.623

99, 29.340,
107.948

30, 93.025,
302.154

26, 102.010,

304.261

■ 26, 103.981,
304.692

Harmonies

Complementary

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



69, 16.514, 286.991



78, 16.044, 103.089

Rectangle

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



69, 16.514, 286.991



69, 16.514, 336.991



69, 16.514, 106.991



69, 16.514, 156.991

Sweetspot

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



69, 16.513, 286.988



96, 5.784, 285.499



77, 12.345, 187.079



51, 3.950, 285.576



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, 16.513, 286.988



84, 24.951, 287.555



69, 19.299, 305.237



39, 5.396, 285.987



21, 89.722, 304.444



2, 19.737, 288.569

Inverse Universe

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



70, 13.379, 11.266



86, 20.322, 11.728



78, 18.727, 123.390



39, 4.323, 10.443



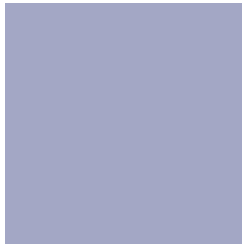
34, 69.883, 34.426



3, 15.998, 13.322

Previews

White Background



This preview shows how the CIELCh color 69, 16.514, 286.991 looks on a white background.

Color Contrast Check

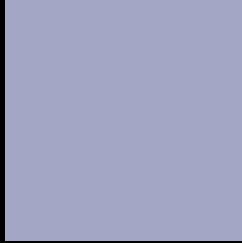
Large Text (above 18pt) WCAG AA × Fail

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, 16.514, 286.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

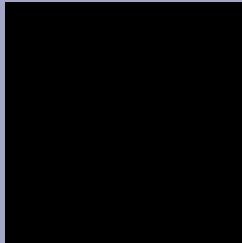
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

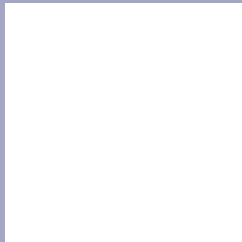
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 16.514, 286.991

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.514, 286.991.



This preview shows how white text looks on a background with the CIELCh color 69, 16.514, 286.991.

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, 16.514, 286.991

Protanopia

69, 16.514, 286.991

Deuteranopia

69, 18.377, 299.685



Tritanopia
69, 8.276, 267.937

Trichromacy



Original Color
69, 16.514, 286.991

Protanomaly
69, 16.514, 286.991

Deuteranomaly
69, 17.661, 295.348

Tritanomaly
69, 11.213, 278.467

Monochromacy



Original Color
69, 16.514, 286.991

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.050, 287.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 16.514, 286.991 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(163, 167, 197)` looks like.

```
.text, #text, p{  
    color:rgb(163, 167, 197)  
}
```

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(163, 167, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 167, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.514, 286.991 is called "border". The border property can be set on classes, ids or directly on the HTML element.

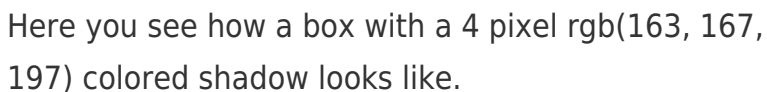
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 167, 197) }
```

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

```
.border{ border-color:rgb(163, 167, 197) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 167, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 167, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 167, 197); box-shadow:4px 4px 4px 4px rgb(163, 167, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.514, 286.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 167, 197) }
```

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

```
.background{ background-color: rgb(163,  
167, 197) }
```

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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