

Converting Colors

CIELCh(69, 25.315, 291.933)

Have a look what the booklet for
CIELCh(69, 25.315, 291.933)
contains.

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Color

CIELCh(69, 25.287, 291.919)

Conversions

Conversions Part 1

Format	Color
Hex	A4A5D3
RGB	164, 165, 211
RGB Percent	64%, 65%, 83%
CMY	0.3581, 0.3541, 0.1738
CMYK	0.22, 0.22, 0.00, 0.17
HSL	239°, 35%, 73%
HSV	239°, 22%, 83%
XYZ	40.3612, 39.3444, 66.8805
YIQ	169.9450, -15.3620, 14.0940

Conversions

Conversions Part 2

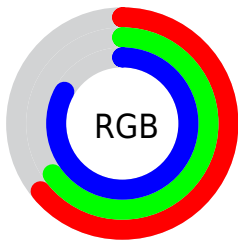
Format	Color
RYB	164, 165, 211
Decimal	10790355
CIELab	69.00, 9.44, -23.46
CIELCh	69, 25.287, 291.919
Yxy	39.3444, 0.2753, 0.2684
Android (android.graphics.Color)	4288980435 (0xFFA4A5D3)
YUV	169.9450, 20.2401, -5.2138
Hunter-Lab	62.7251, 5.0890, -19.3103

Details

The CIELCh color $69, 25.287, 291.919$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $83, 24.058, 107.121$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 18.268, 291.664$, and $49, 25.277, 291.864$ is the 20% darker color. If you saturate the color by 10%, you get $62, 37.393, 293.427$, and if you desaturate by 10%, it is $76, 13.672, 290.637$.

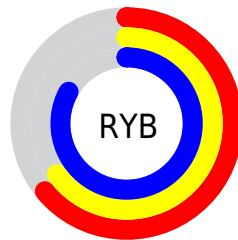
Distribution



Red (64%)

Green (65%)

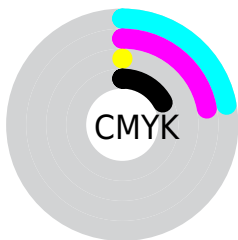
Blue (83%)



Red (64%)

Yellow (65%)

Blue (83%)

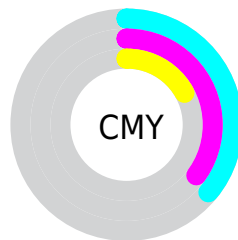


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (17%)



Cyan (36%)


Magenta (35%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 25.287, 291.919 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, 25.287, 291.919 by changing the saturation by 10% instead.


 69, 25.287,
291.919


 69, 25.287,
291.919


 100, 25.287,
291.919


 59, 25.287,
291.919


 89, 25.287,
291.919

 49, 25.287,
291.919

 99, 25.287,
291.919

 39, 25.287,
291.919

 29, 25.287,
291.919

 19, 25.287,
291.919

 9, 25.287, 291.919

 0, 25.287, 291.919

69, 25.287,
291.919

69, 25.287,
291.919

62, 37.393,
293.427

76, 13.672,
290.637

55, 50.018,
295.186

83, 2.518, 289.572

90, 8.214, 108.608

48, 63.136,
297.199

97, 18.554,
107.825

42, 76.584,
299.418

99, 22.390,
108.481

36, 89.867,
301.707

31, 101.885,
303.807

28, 110.878,
305.378

26, 114.944,

Harmonies

Complementary

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



69, 25.287, 291.919



83, 24.058, 107.121

Rectangle

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



69, 25.287, 291.919



69, 25.287, 341.919



69, 25.287, 111.919



69, 25.287, 161.919

Sweetspot

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



69, 25.285, 291.918



94, 8.994, 290.050



81, 16.106, 195.291



50, 5.851, 290.115



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, 25.285, 291.918



78, 36.111, 292.641



71, 26.960, 308.992



40, 6.233, 290.304



20, 97.002, 305.999



2, 25.172, 292.724

Inverse Universe

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



72, 18.514, 19.388



82, 26.652, 19.946



82, 26.088, 126.852



41, 4.459, 18.194



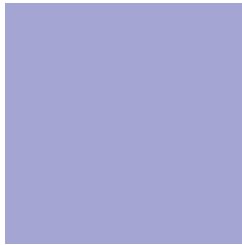
35, 75.562, 38.993



4, 20.016, 18.468

Previews

White Background



This preview shows how the CIELCh color 69, 25.287, 291.919 looks on a white background.

Color Contrast Check

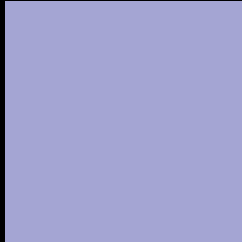
Large Text (above 18pt) WCAG AA × Fail

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, 25.287, 291.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

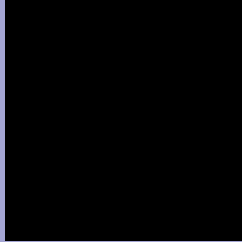
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 25.287, 291.919

Background



This preview shows how black text looks on a background with the CIELCh color 69, 25.287, 291.919.



This preview shows how white text looks on a background with the CIELCh color 69, 25.287, 291.919.

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

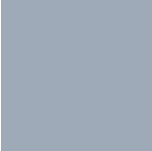
69, 25.287, 291.919

Protanopia

69, 24.842, 284.975

Deuteranopia

69, 25.289, 291.165



Tritanopia
69, 8.245, 259.438

Trichromacy



Original Color
69, 25.287, 291.919

Protanomaly
69, 25.326, 287.423

Deuteranomaly
69, 25.289, 291.165

Tritanomaly
69, 13.951, 279.971

Monochromacy



Original Color
69, 25.287, 291.919

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 9.336, 291.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 25.287, 291.919 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(164, 165, 211)` looks like.

```
.text, #text, p{  
    color:rgb(164, 165, 211)  
}
```

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(164, 165, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 165, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 25.287, 291.919 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(164, 165, 211) }
```

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

```
.border{ border-color:rgb(164, 165, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 165, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 165, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 165, 211);  
box-shadow:4px 4px 4px 4px rgb(164, 165,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 25.287, 291.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 165, 211) }
```

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

```
.background{ background-color: rgb(164,  
165, 211) }
```

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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