

Converting Colors

CIELCh(69, 7.134, 275.165)

Have a look what the booklet for
CIELCh(69, 7.134, 275.165) contains.

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Color

CIELCh(69, 6.899, 272.445)

Conversions

Conversions Part 1

Format	Color
Hex	A3A9B5
RGB	163, 169, 181
RGB Percent	64%, 66%, 71%
CMY	0.3619, 0.3384, 0.2914
CMYK	0.10, 0.07, 0.00, 0.29
HSL	220°, 11%, 67%
HSV	220°, 10%, 71%
XYZ	37.4859, 39.3444, 49.1726
YIQ	168.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

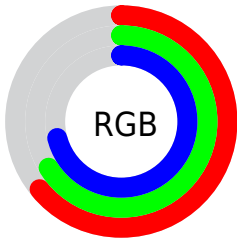
Format	Color
R_{YB}	163, 168, 181
Decimal	10725813
CIE Lab	69.00, 0.29, -6.89
CIE LCh	69, 6.899, 272.445
Yxy	39.3444, 0.2975, 0.3122
Android (android.graphics.Color)	4288915893 (0xFFA3A9B5)
YUV	168.5740, 6.1260, -4.8884
Hunter-Lab	62.7251, -3.0935, -2.5722

Details

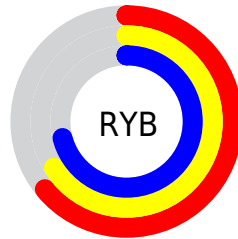
The CIELCh color $69, 6.899, 272.445$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 6.901, 89.859$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 7.049, 273.570$, and $49, 6.807, 271.277$ is the 20% darker color. If you saturate the color by 10%, you get $64, 13.925, 273.926$, and if you desaturate by 10%, it is $74, 0.021, 80.298$.

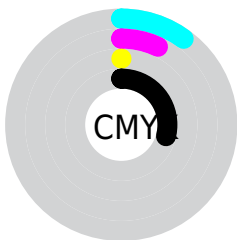
Distribution



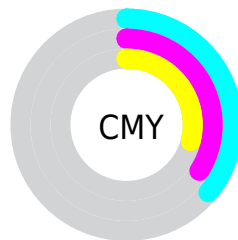
- Red (64%)
- Green (66%)
- Blue (71%)



- Red (64%)
- Yellow (66%)
- Blue (71%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 6.899, 272.445 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, 6.899, 272.445 by changing the saturation by 10% instead.

■ 69, 6.899, 272.445

■ 69, 6.899, 272.445

■ 100, 6.899,
272.445

■ 59, 6.899, 272.445

■ 89, 6.899, 272.445

■ 49, 6.899, 272.445

■ 99, 6.899, 272.445

■ 39, 6.899, 272.445

■ 29, 6.899, 272.445

■ 19, 6.899, 272.445

■ 9, 6.899, 272.445

■ 0, 6.899, 272.445

■ 69, 6.899, 272.445

■ 69, 6.899, 272.445

■ 64, 13.925,

■ 74, 0.021, 80.298

273.926

78, 6.829, 89.953

60, 21.065,
275.680

83, 13.527, 88.995

55, 28.326,
277.734

87, 20.114, 88.148

51, 35.725,
280.126

92, 26.587, 87.400

46, 43.288,
282.885

98, 36.378,
106.179

42, 51.049,
286.008

98, 37.302,
107.334

38, 59.027,
289.437

34, 67.178,
293.041

31, 75.350,
296.520

Harmonies

Complementary

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



69, 6.899, 272.445



72, 6.901, 89.859

Rectangle

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



69, 6.899, 272.445



69, 6.899, 322.445



69, 6.899, 92.445



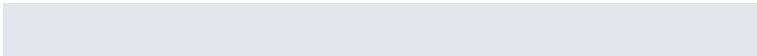
69, 6.899, 142.445

Sweetspot

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



69, 6.898, 272.434



91, 2.562, 271.592



72, 7.525, 171.746



48, 1.940, 271.671



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 6.898, 272.434



86, 10.293, 272.747



68, 10.002, 296.832



35, 3.882, 272.347



26, 65.765, 296.046



2, 10.132, 276.726

Inverse Universe

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



69, 7.637, 354.555



85, 11.424, 354.792



73, 9.783, 115.330



35, 4.295, 354.487



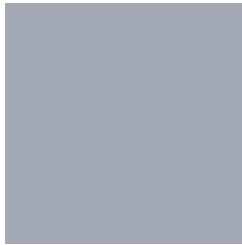
32, 58.811, 17.125



2, 9.820, 358.967

Previews

White Background



This preview shows how the CIELCh color 69, 6.899, 272.445 looks on a white background.

Color Contrast Check

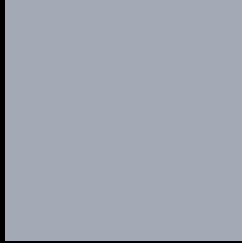
Large Text (above 18pt) WCAG AA × Fail

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, 6.899, 272.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

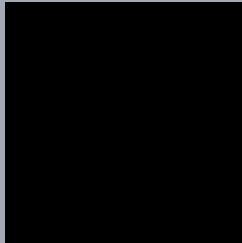
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

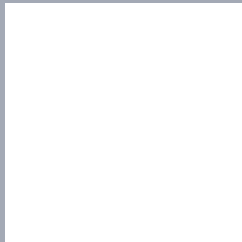
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 6.899, 272.445

Background



This preview shows how black text looks on a background with the CIELCh color 69, 6.899, 272.445.

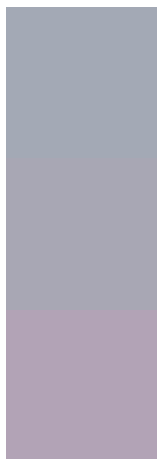


This preview shows how white text looks on a background with the CIELCh color 69, 6.899, 272.445.

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

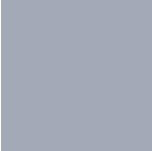
69, 6.899, 272.445

Protanopia

69, 7.164, 293.836

Deuteranopia

69, 11.888, 318.932



Tritanopia
69, 7.419, 273.876

Trichromacy



Original Color
69, 6.899, 272.445

Protanomaly
69, 6.622, 284.515

Deuteranomaly
69, 9.739, 306.379

Tritanomaly
69, 7.419, 273.876

Monochromacy



Original Color
69, 6.899, 272.445

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.839, 275.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 6.899, 272.445 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, 169, 181)` looks like.

```
.text, #text, p{  
    color:rgb(163, 169, 181)  
}
```

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, 169, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 169, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 6.899, 272.445 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, 169, 181) }
```

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

```
.border{ border-color:rgb(163, 169, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 169, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 169, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 169, 181);  
box-shadow:4px 4px 4px 4px rgb(163, 169,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 6.899, 272.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 169, 181) }
```

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

```
.background{ background-color: rgb(163,  
169, 181) }
```

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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