

Converting Colors

CIELCh(69, 5.983, 265.161)

Have a look what the booklet for
CIELCh(69, 5.983, 265.161) contains.

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Color

CIELCh(69, 6.010, 265.631)

Conversions

Conversions Part 1

Format	Color
Hex	A2A9B3
RGB	162, 169, 179
RGB Percent	64%, 66%, 70%
CMY	0.3645, 0.3370, 0.2978
CMYK	0.09, 0.06, 0.00, 0.30
HSL	215°, 10%, 67%
HSV	215°, 9%, 70%
XYZ	37.2556, 39.3444, 48.3123
YIQ	168.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

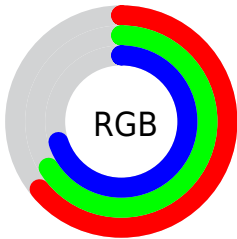
Format	Color
RYB	162, 167, 179
Decimal	10660275
CIELab	69.00, -0.46, -5.99
CIELCh	69, 6.010, 265.631
Yxy	39.3444, 0.2983, 0.3150
Android (android.graphics.Color)	4288850355 (0xFFA2A9B3)
YUV	168.0470, 5.3998, -5.3032
Hunter-Lab	62.7251, -3.7487, -1.7589

Details

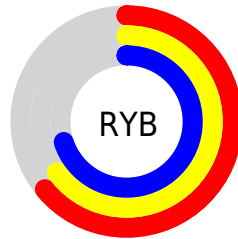
The CIELCh color **69, 6.010, 265.631** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 6.066, 83.087**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 6.187, 267.486**, and **49, 5.881, 263.572** is the 20% darker color. If you saturate the color by 10%, you get **65, 12.361, 267.132**, and if you desaturate by 10%, it is **73, 0.311, 83.368**.

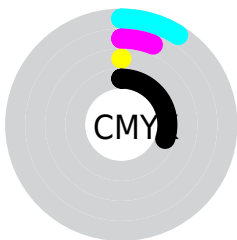
Distribution



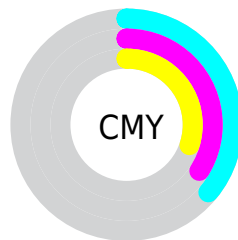
- Red (64%)
- Green (66%)
- Blue (70%)



- Red (64%)
- Yellow (65%)
- Blue (70%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (36%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 6.010, 265.631 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, 6.010, 265.631 by changing the saturation by 10% instead.

■ 69, 6.010, 265.631

■ 69, 6.010, 265.631

■ 100, 6.010,
265.631

■ 59, 6.010, 265.631

■ 89, 6.010, 265.631

■ 49, 6.010, 265.631

■ 99, 6.010, 265.631

■ 39, 6.010, 265.631

■ 29, 6.010, 265.631

■ 19, 6.010, 265.631

■ 9, 6.010, 265.631

■ 0, 6.010, 265.631

■ 69, 6.010, 265.631

■ 69, 6.010, 265.631

■ 65, 12.361,

■ 73, 0.311, 83.368

267.132

77, 6.589, 83.078

61, 18.737,
268.929

82, 12.815, 82.115

57, 25.132,
271.043

86, 18.981, 81.264

53, 31.551,
273.523

90, 25.079, 80.513

49, 38.014,
276.406

95, 32.699, 99.262

45, 44.555,
279.706

98, 37.321,
106.315

41, 51.225,
283.386

98, 38.105,
107.272

38, 58.065,
287.338

34, 65.083,
291.283

Harmonies

Complementary

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



69, 6.010, 265.631



71, 6.066, 83.087

Rectangle

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



69, 6.010, 265.631



69, 6.010, 315.631



69, 6.010, 85.631



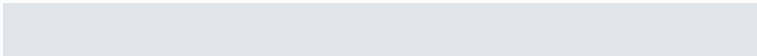
69, 6.010, 135.631

Sweetspot

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



69, 6.009, 265.617



90, 2.346, 264.842



72, 7.445, 167.623



48, 1.792, 264.916



96, 0.011, 296.813



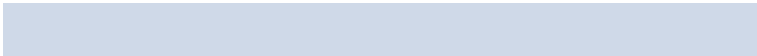
49, 0.007, 296.813

Same Dimension

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



69, 6.009, 265.617



86, 8.597, 265.854



67, 9.421, 294.289



36, 3.575, 265.593



29, 57.513, 290.935



3, 9.495, 272.318

Inverse Universe

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



68, 7.556, 349.479



85, 10.834, 349.648



72, 9.218, 112.672



35, 4.494, 349.462



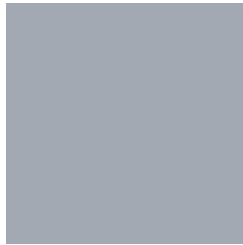
32, 57.754, 9.687



2, 10.141, 354.706

Previews

White Background



This preview shows how the CIELCh color 69, 6.010, 265.631 looks on a white background.

Color Contrast Check

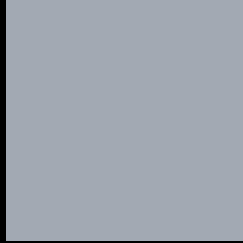
Large Text (above 18pt) WCAG AA × Fail

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, 6.010, 265.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

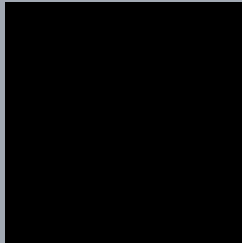
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 6.010, 265.631

Background



This preview shows how black text looks on a background with the CIELCh color 69, 6.010, 265.631.

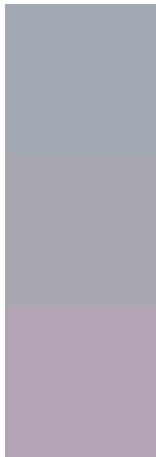


This preview shows how white text looks on a background with the CIELCh color 69, 6.010, 265.631.

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

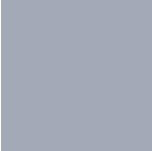
69, 6.010, 265.631

Protanopia

69, 6.067, 294.275

Deuteranopia

69, 11.132, 323.313



Tritanopia
69, 7.419, 273.876

Trichromacy



Original Color
69, 6.010, 265.631

Protanomaly
69, 5.533, 283.115

Deuteranomaly
69, 8.805, 310.567

Tritanomaly
69, 6.899, 272.445

Monochromacy



Original Color
69, 6.010, 265.631

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.315, 271.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 6.010, 265.631 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, 169, 179)` looks like.

```
.text, #text, p{  
    color:rgb(162, 169, 179)  
}
```

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, 169, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 169, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 6.010, 265.631 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, 169, 179) }
```

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

```
.border{ border-color:rgb(162, 169, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 169, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 169, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 169, 179); box-shadow:4px 4px 4px 4px rgb(162, 169, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 6.010, 265.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 169, 179) }
```

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

```
.background{ background-color: rgb(162,  
169, 179) }
```

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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