

Converting Colors

CIELCh(69, 7.037, 260.533)

Have a look what the booklet for
CIELCh(69, 7.037, 260.533) contains.

CIELCh(69, 6.968, 259.540)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 6.968, 259.540)

Conversions

Conversions Part 1

Format	Color
Hex	A0AAB5
RGB	160, 170, 181
RGB Percent	63%, 67%, 71%
CMY	0.3742, 0.3349, 0.2918
CMYK	0.12, 0.06, 0.00, 0.29
HSL	211°, 12%, 67%
HSV	211°, 12%, 71%
XYZ	37.0096, 39.3444, 49.1337
YIQ	168.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

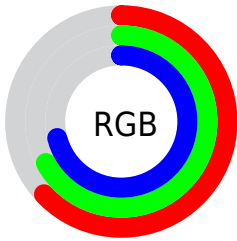
Format	Color
RYB	160, 167, 181
Decimal	10529461
CIELab	69.00, -1.27, -6.85
CIElCh	69, 6.968, 259.540
Yxy	39.3444, 0.2949, 0.3135
Android (android.graphics.Color)	4288719541 (0xFFA0AAB5)
YUV	168.2640, 6.2788, -7.2475
Hunter-Lab	62.7251, -4.4487, -2.5354

Details

The CIELCh color $69, 6.968, 259.540$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 7.134, 76.465$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 7.081, 261.471$, and $49, 6.916, 257.505$ is the 20% darker color. If you saturate the color by 10%, you get $65, 12.917, 261.093$, and if you desaturate by 10%, it is $73, 0.981, 258.465$.

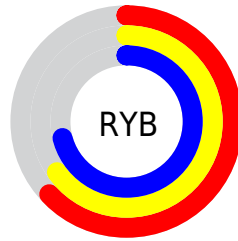
Distribution



Red (63%)

Green (67%)

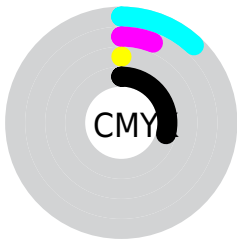
Blue (71%)



Red (63%)

Yellow (65%)

Blue (71%)

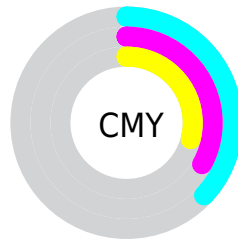


Cyan (12%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (37%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 6.968, 259.540 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, 6.968, 259.540 by changing the saturation by 10% instead.

■ 69, 6.968, 259.540

■ 69, 6.968, 259.540

■ 100, 6.968,
259.540

■ 59, 6.968, 259.540

■ 89, 6.968, 259.540

■ 49, 6.968, 259.540

■ 99, 6.968, 259.540

■ 39, 6.968, 259.540

■ 29, 6.968, 259.540

■ 19, 6.968, 259.540

■ 9, 6.968, 259.540

■ 0, 6.968, 259.540

■ 69, 6.968, 259.540

■ 69, 6.968, 259.540

■ 65, 12.917,

■ 73, 0.981, 258.465

261.093

77, 5.022, 76.920

61, 18.813,
262.960

81, 11.024, 75.967

58, 24.639,
265.177

85, 17.010, 75.122

54, 30.393,
267.797

89, 22.967, 74.381

50, 36.085,
270.864

94, 29.222, 93.059

47, 41.754,
274.399

96, 32.979,
101.016

43, 47.462,
278.366

98, 37.218,
107.157

40, 53.287,
282.654

38, 58.321,
286.230

Harmonies

Complementary

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



69, 6.968, 259.540



70, 7.134, 76.465

Rectangle

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



69, 6.968, 259.540



69, 6.968, 309.540



69, 6.968, 79.540



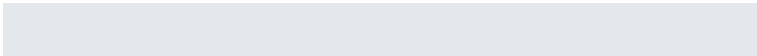
69, 6.968, 129.540

Sweetspot

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



69, 6.967, 259.528



91, 2.234, 258.490



72, 9.617, 163.615



48, 1.691, 258.556



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, 6.967, 259.528



86, 10.372, 259.909



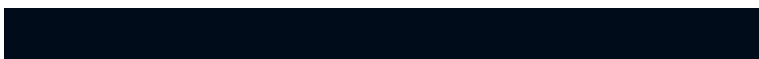
66, 11.636, 292.008



36, 3.365, 259.208



32, 50.931, 285.612



3, 8.985, 267.929

Inverse Universe

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



68, 9.729, 345.898



84, 14.541, 346.146



73, 11.333, 109.756



35, 4.682, 345.682



32, 57.755, 3.537



2, 10.467, 351.178

Previews

White Background



This preview shows how the CIELCh color 69, 6.968, 259.540 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, 6.968, 259.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

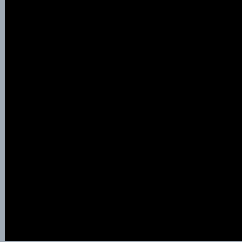
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

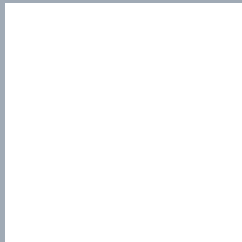
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 6.968, 259.540

Background



This preview shows how black text looks on a background with the CIELCh color 69, 6.968, 259.540.

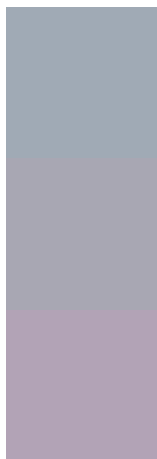


This preview shows how white text looks on a background with the CIELCh color 69, 6.968, 259.540.

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, 6.968, 259.540

Protanopia

69, 6.616, 294.033

Deuteranopia

69, 11.888, 318.932



Tritanopia
69, 8.276, 267.937

Trichromacy



Original Color
69, 6.968, 259.540

Protanomaly
69, 6.665, 281.399

Deuteranomaly
69, 9.112, 305.037

Tritanomaly
69, 7.778, 266.248

Monochromacy



Original Color
69, 6.968, 259.540

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.634, 256.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 6.968, 259.540 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(160, 170, 181)` looks like.

```
.text, #text, p{  
    color:rgb(160, 170, 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(160, 170, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 170, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 6.968, 259.540 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(160, 170, 181) }
```

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

```
.border{ border-color:rgb(160, 170, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 170, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 170, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 170, 181);  
box-shadow:4px 4px 4px 4px rgb(160, 170,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 6.968, 259.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 170, 181) }
```

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

```
.background{ background-color: rgb(160,  
170, 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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