

Converting Colors

CIELCh(69, 5.384, 142.999)

Have a look what the booklet for
CIELCh(69, 5.384, 142.999) contains.

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Color

CIELCh(69, 5.817, 141.180)

Conversions

Conversions Part 1

Format	Color
Hex	A3ABA2
RGB	163, 171, 162
RGB Percent	64%, 67%, 64%
CMY	0.3621, 0.3307, 0.3660
CMYK	0.05, 0.00, 0.05, 0.33
HSL	113°, 5%, 65%
HSV	113°, 5%, 67%
XYZ	36.0250, 39.3444, 39.7204
YIQ	167.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

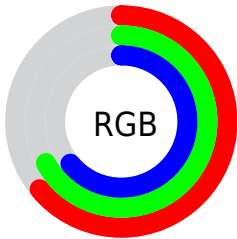
Format	Color
RYB	162, 171, 170
Decimal	10726306
CIELab	69.00, -4.53, 3.65
CIELCh	69, 5.817, 141.180
Yxy	39.3444, 0.3130, 0.3419
Android (android.graphics.Color)	4288916386 (0xFFA3ABA2)
YUV	167.5820, -2.7519, -4.0184
Hunter-Lab	62.7251, -7.2508, 6.3624

Details

The CIELCh color **69, 5.817, 141.180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 5.841, 321.615**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 5.515, 141.251**, and **49, 6.224, 141.065** is the 20% darker color. If you saturate the color by 10%, you get **67, 16.959, 140.614**, and if you desaturate by 10%, it is **71, 5.189, 321.574**.

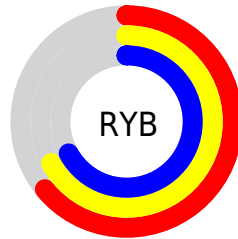
Distribution



Red (64%)

Green (67%)

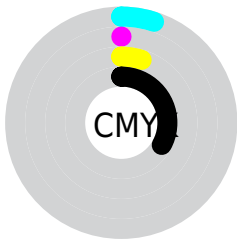
Blue (64%)



Red (64%)

Yellow (67%)

Blue (67%)

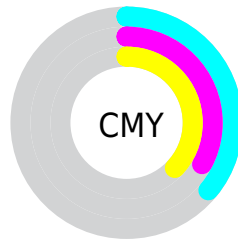


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 5.817, 141.180 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, 5.817, 141.180 by changing the saturation by 10% instead.

■ 69, 5.817, 141.180

■ 69, 5.817, 141.180

■ 100, 5.817,
141.180

■ 59, 5.817, 141.180

■ 89, 5.817, 141.180

■ 49, 5.817, 141.180

■ 99, 5.817, 141.180

■ 39, 5.817, 141.180

■ 29, 5.817, 141.180

■ 19, 5.817, 141.180

■ 9, 5.817, 141.180

■ 0, 5.817, 141.180

■ 69, 5.817, 141.180

■ 69, 5.817, 141.180

■ 67, 16.959,

■ 71, 5.189, 321.574

140.614

72, 15.987,
322.000

66, 28.123,
139.982

74, 26.526,
322.346

65, 39.159,
139.268

76, 36.776,
322.637

64, 49.862,
138.481

78, 46.722,
322.883

63, 59.964,
137.650

80, 52.492,
325.794

62, 69.120,
136.831

80, 52.700,
326.242

62, 76.905,
136.122

61, 82.859,
135.650

61, 86.648,
135.516

Harmonies

Complementary

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



69, 5.817, 141.180



67, 5.841, 321.615

Rectangle

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



69, 5.817, 141.180



69, 5.817, 191.180



69, 5.817, 321.180



69, 5.817, 11.180

Sweetspot

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



69, 5.819, 141.181



88, 2.720, 141.398



69, 4.356, 104.416



47, 1.558, 141.408



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 5.819, 141.181



87, 8.202, 141.134



69, 4.583, 157.551



35, 4.326, 141.113



53, 79.096, 135.369



5, 11.322, 141.840

Inverse Universe

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



67, 5.841, 321.615



85, 8.231, 321.659



67, 4.611, 338.173



34, 4.342, 321.679



32, 77.581, 324.012



2, 11.134, 320.261

Previews

White Background



This preview shows how the CIELCh color 69, 5.817, 141.180 looks on a white background.

Color Contrast Check

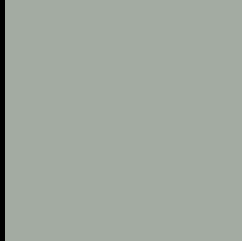
Large Text (above 18pt) WCAG AA × Fail

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, 5.817, 141.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

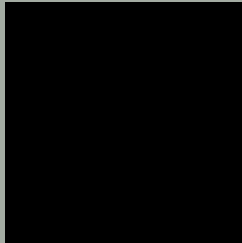
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

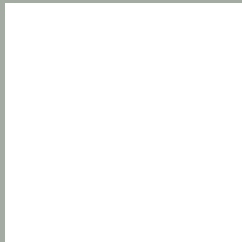
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 5.817, 141.180

Background



This preview shows how black text looks on a background with the CIELCh color 69, 5.817, 141.180.



This preview shows how white text looks on a background with the CIELCh color 69, 5.817, 141.180.

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, 5.817, 141.180

Protanopia

69, 4.769, 85.821

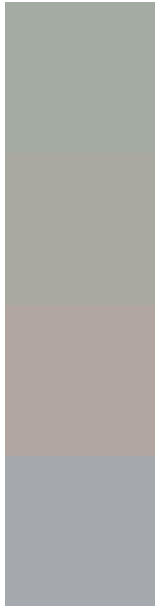
Deuteranopia

69, 8.937, 20.156



Tritanopia
69, 7.167, 285.068

Trichromacy



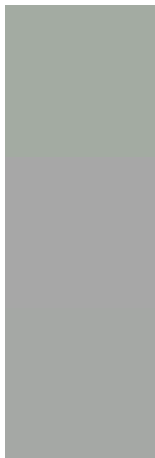
Original Color
69, 5.817, 141.180

Protanomaly
69, 4.373, 109.720

Deuteranomaly
69, 4.903, 39.217

Tritanomaly
69, 3.101, 261.936

Monochromacy



Original Color
69, 5.817, 141.180

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 2.005, 144.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 5.817, 141.180 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, 171, 162)` looks like.

```
.text, #text, p{  
    color:rgb(163, 171, 162)  
}
```

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, 171, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 171, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 5.817, 141.180 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, 171, 162) }
```

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

```
.border{ border-color:rgb(163, 171, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 171, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 171, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 171, 162);  
box-shadow:4px 4px 4px 4px rgb(163, 171,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 5.817, 141.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 171, 162) }
```

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

```
.background{ background-color: rgb(163,  
171, 162) }
```

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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