

Converting Colors

CIELCh(69, 11.754, 237.813)

Have a look what the booklet for
CIELCh(69, 11.754, 237.813)
contains.

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Color

CIELCh(69, 11.640, 236.804)

Conversions

Conversions Part 1

Format	Color
Hex	92ADBA
RGB	146, 173, 186
RGB Percent	57%, 68%, 73%
CMY	0.4289, 0.3231, 0.2721
CMYK	0.22, 0.07, 0.00, 0.27
HSL	199°, 22%, 65%
HSV	199°, 22%, 73%
XYZ	35.4780, 39.3444, 51.9614
YIQ	166.4090, -20.2650, -1.6810

Conversions

Conversions Part 2

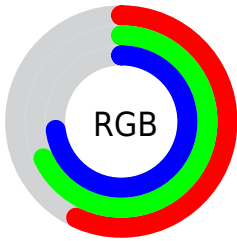
Format	Color
RYB	146, 162, 186
Decimal	9612730
CIELab	69.00, -6.37, -9.74
CIElCh	69, 11.640, 236.804
Yxy	39.3444, 0.2798, 0.3103
Android (android.graphics.Color)	4287802810 (0xFF92ADBA)
YUV	166.4090, 9.6584, -17.8987
Hunter-Lab	62.7251, -8.8075, -5.2082

Details

The CIELCh color **69, 11.640, 236.804** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 13.082, 53.064**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 11.750, 237.450**, and **49, 11.558, 236.371** is the 20% darker color. If you saturate the color by 10%, you get **66, 16.615, 238.168**, and if you desaturate by 10%, it is **72, 6.372, 235.725**.

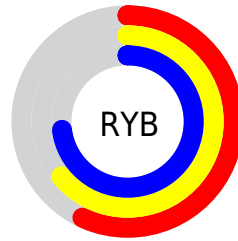
Distribution



Red (57%)

Green (68%)

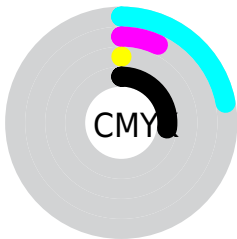
Blue (73%)



Red (57%)

Yellow (64%)

Blue (73%)

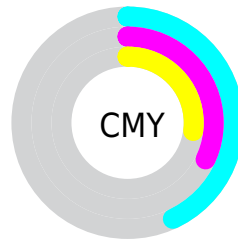


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (43%)


Magenta (32%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 11.640, 236.804 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, 11.640, 236.804 by changing the saturation by 10% instead.


 69, 11.640,
236.804


 69, 11.640,
236.804


 100, 11.640,
236.804


 59, 11.640,
236.804


 89, 11.640,
236.804

 49, 11.640,
236.804

 99, 11.640,
236.804

 39, 11.640,
236.804

 29, 11.640,
236.804

 19, 11.640,
236.804

 9, 11.640, 236.804

 0, 11.640, 236.804

69, 11.640,
236.804

69, 11.640,
236.804

66, 16.615,
238.168

72, 6.372, 235.725

63, 21.239,
239.893

75, 0.871, 235.302

78, 4.811, 53.963

61, 25.457,
242.049

81, 10.630, 53.446

58, 29.230,
244.720

84, 16.546, 53.002

87, 21.856, 53.717

56, 32.553,
247.991

89, 21.956, 63.475

54, 35.467,
251.916

90, 22.689, 72.842

92, 23.992, 81.368

52, 38.077,
256.489

50, 40.216,

260.637

Harmonies

Complementary

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



69, 11.640, 236.804



67, 13.082, 53.064

Rectangle

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



69, 11.640, 236.804



69, 11.640, 286.804



69, 11.640, 56.804



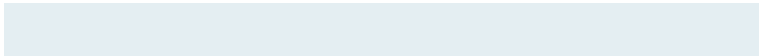
69, 11.640, 106.804

Sweetspot

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



69, 11.640, 236.797



93, 4.156, 235.283



72, 21.182, 153.332



50, 2.775, 235.328



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 11.640, 236.797



86, 17.234, 237.428



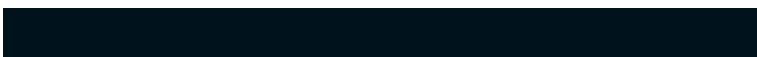
64, 18.350, 284.166



37, 3.113, 235.529



42, 35.028, 259.872



5, 8.805, 248.565

Inverse Universe

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



65, 21.264, 336.848



80, 31.896, 337.236



72, 17.871, 98.953



36, 5.501, 335.921



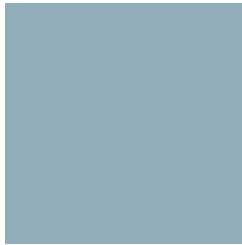
34, 62.999, 346.437



3, 13.777, 340.719

Previews

White Background



This preview shows how the CIELCh color 69, 11.640, 236.804 looks on a white background.

Color Contrast Check

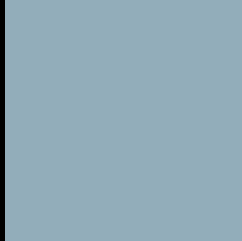
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 11.640, 236.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

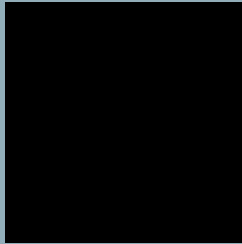
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

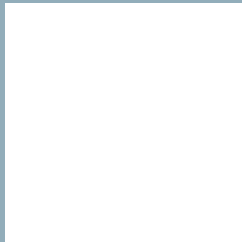
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 11.640, 236.804

Background



This preview shows how black text looks on a background with the CIELCh color 69, 11.640, 236.804.

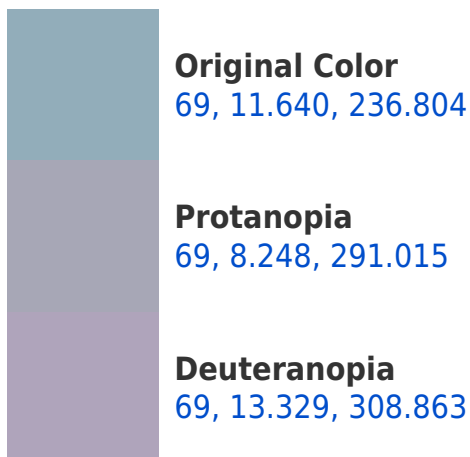


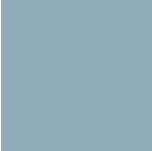
This preview shows how white text looks on a background with the CIELCh color 69, 11.640, 236.804.

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





Tritanopia
69, 11.640, 236.804

Trichromacy



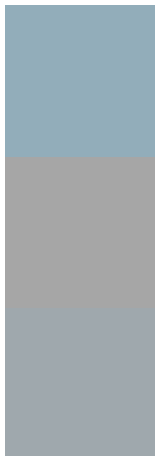
Original Color
69, 11.640, 236.804

Protanomaly
69, 8.413, 265.692

Deuteranomaly
69, 10.482, 285.342

Tritanomaly
69, 11.640, 236.804

Monochromacy



Original Color
69, 11.640, 236.804

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.266, 239.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 11.640, 236.804 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(146, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(146, 173, 186)  
}
```

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(146, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 173, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 11.640, 236.804 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(146, 173, 186) }
```

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

```
.border{ border-color:rgb(146, 173, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 173, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(146, 173,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 11.640, 236.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 173, 186) }
```

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

```
.background{ background-color: rgb(146,  
173, 186) }
```

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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