

Converting Colors

CIELCh(69, 12.457, 237.067)

Have a look what the booklet for
CIELCh(69, 12.457, 237.067)
contains.

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Color

CIELCh(69, 12.457, 237.067)

Conversions

Conversions Part 1

Format	Color
Hex	90ADBB
RGB	144, 173, 187
RGB Percent	56%, 68%, 73%
CMY	0.4357, 0.3220, 0.2671
CMYK	0.23, 0.07, 0.00, 0.27
HSL	200°, 24%, 65%
HSV	200°, 23%, 73%
XYZ	35.3600, 39.3444, 52.6777
YIQ	165.9250, -21.7780, -1.7940

Conversions

Conversions Part 2

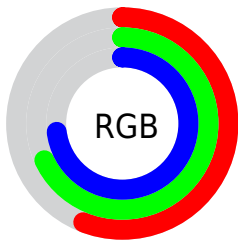
Format	Color
RYB	144, 161, 187
Decimal	9481659
CIELab	69.00, -6.77, -10.46
CIElCh	69, 12.457, 237.067
Yxy	39.3444, 0.2776, 0.3089
Android (android.graphics.Color)	4287671739 (0xFF90ADBB)
YUV	165.9250, 10.3900, -19.2282
Hunter-Lab	62.7251, -9.1431, -5.8853

Details

The CIELCh color $69, 12.457, 237.067$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 14.123, 53.038$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 12.547, 237.588$, and $49, 12.390, 236.826$ is the 20% darker color. If you saturate the color by 10%, you get $66, 17.413, 238.484$, and if you desaturate by 10%, it is $72, 7.198, 235.942$.

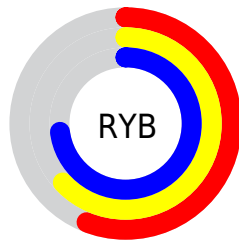
Distribution



Red (56%)

Green (68%)

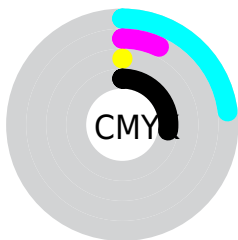
Blue (73%)



Red (56%)

Yellow (63%)

Blue (73%)

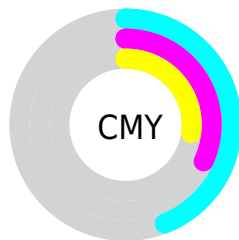


Cyan (23%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 12.457, 237.067 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, 12.457, 237.067 by changing the saturation by 10% instead.

■ 69, 12.457,
237.067

■ 69, 12.457,
237.067

■ 100, 12.457,
237.067

■ 59, 12.457,
237.067

■ 89, 12.457,
237.067

■ 49, 12.457,
237.067

■ 99, 12.457,
237.067

■ 39, 12.457,
237.067

■ 29, 12.457,
237.067

■ 19, 12.457,
237.067

■ 9, 12.457, 237.067

■ 0, 12.457, 237.067

69, 12.457,
237.067

69, 12.457,
237.067

66, 17.413,
238.484

72, 7.198, 235.942

63, 22.008,
240.271

75, 1.697, 235.237

78, 3.993, 54.110

61, 26.188,
242.502

81, 9.826, 53.589

58, 29.919,
245.263

84, 15.762, 53.131

87, 21.425, 53.318

56, 33.201,
248.635

89, 21.513, 63.367

54, 36.085,
252.665

90, 22.259, 73.005

92, 23.593, 81.743

52, 38.684,
257.333

50, 40.475,

Harmonies

Complementary

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



69, 12.457, 237.067



67, 14.123, 53.038

Rectangle

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



69, 12.457, 237.067



69, 12.457, 287.067



69, 12.457, 57.067



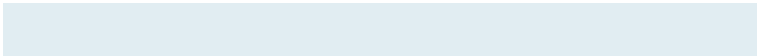
69, 12.457, 107.067

Sweetspot

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



69, 12.457, 237.061



93, 4.839, 235.431



72, 22.744, 153.200



50, 3.166, 235.476



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, 12.457, 237.061



85, 18.466, 237.795



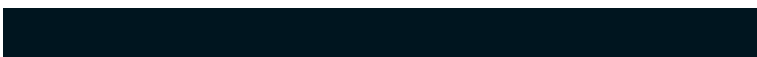
63, 19.749, 284.391



38, 3.184, 235.609



43, 35.512, 260.054



6, 9.832, 249.099

Inverse Universe

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



65, 22.834, 336.990



79, 34.338, 337.428



73, 19.196, 98.782



37, 5.625, 335.950



35, 63.716, 346.516



3, 15.741, 341.280

Previews

White Background



This preview shows how the CIELCh color 69, 12.457, 237.067 looks on a white background.

Color Contrast Check

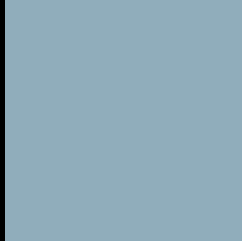
Large Text (above 18pt) WCAG AA × Fail

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, 12.457, 237.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

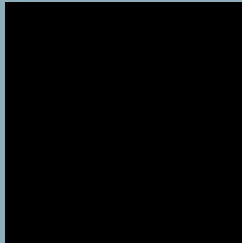
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

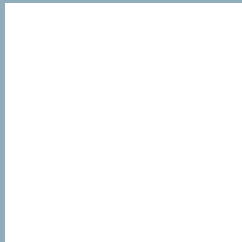
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 12.457, 237.067

Background



This preview shows how black text looks on a background with the CIELCh color 69, 12.457, 237.067.

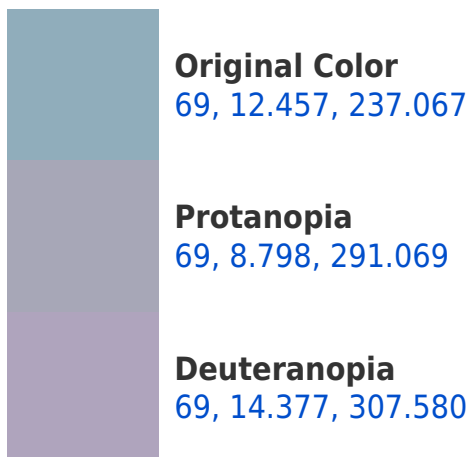


This preview shows how white text looks on a background with the CIELCh color 69, 12.457, 237.067.

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, 12.457, 237.067

Trichromacy



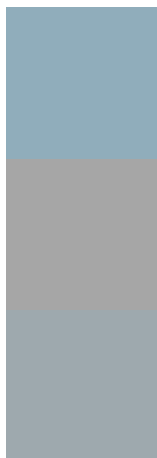
Original Color
69, 12.457, 237.067

Protanomaly
69, 8.908, 267.304

Deuteranomaly
69, 11.574, 286.036

Tritanomaly
69, 12.457, 237.067

Monochromacy



Original Color
69, 12.457, 237.067

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 4.836, 233.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 12.457, 237.067 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(144, 173, 187)` looks like.

```
.text, #text, p{  
    color:rgb(144, 173, 187)  
}
```

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(144, 173, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 173, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 12.457, 237.067 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(144, 173, 187) }
```

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

```
.border{ border-color:rgb(144, 173, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 173, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 173, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 173, 187);  
box-shadow:4px 4px 4px 4px rgb(144, 173,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 12.457, 237.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 173, 187) }
```

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

```
.background{ background-color: rgb(144,  
173, 187) }
```

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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