

Converting Colors

CIELCh(69, 6.408, 241.438)

Have a look what the booklet for
CIELCh(69, 6.408, 241.438) contains.

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Color

CIELCh(69, 6.297, 236.829)

Conversions

Conversions Part 1

Format	Color
Hex	9DABB2
RGB	157, 171, 178
RGB Percent	62%, 67%, 70%
CMY	0.3855, 0.3306, 0.3032
CMYK	0.12, 0.04, 0.00, 0.30
HSL	200°, 12%, 66%
HSV	200°, 12%, 70%
XYZ	36.3506, 39.3444, 47.6298
YIQ	167.6120, -10.5910, -0.7910

Conversions

Conversions Part 2

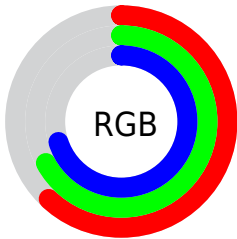
Format	Color
RYB	157, 165, 178
Decimal	10333106
CIELab	69.00, -3.45, -5.27
CIElCh	69, 6.297, 236.829
Yxy	39.3444, 0.2948, 0.3190
Android (android.graphics.Color)	4288523186 (0xFF9DABB2)
YUV	167.6120, 5.1213, -9.3067
Hunter-Lab	62.7251, -6.3243, -1.1138

Details

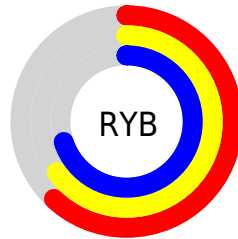
The CIELCh color $69, 6.297, 236.829$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 6.679, 54.702$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 6.330, 240.477$, and $49, 6.031, 234.843$ is the 20% darker color. If you saturate the color by 10%, you get $66, 11.387, 237.925$, and if you desaturate by 10%, it is $72, 0.988, 236.276$.

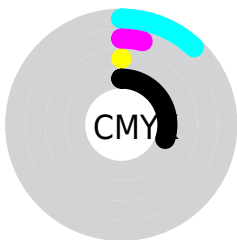
Distribution



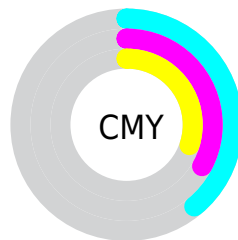
- Red (62%)
- Green (67%)
- Blue (70%)



- Red (62%)
- Yellow (65%)
- Blue (70%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)



- Cyan (39%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 6.297, 236.829 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, 6.297, 236.829 by changing the saturation by 10% instead.

■ 69, 6.297, 236.829

■ 69, 6.297, 236.829

■ 100, 6.297,
236.829

■ 59, 6.297, 236.829

■ 89, 6.297, 236.829

■ 49, 6.297, 236.829

■ 99, 6.297, 236.829

■ 39, 6.297, 236.829

■ 29, 6.297, 236.829

■ 19, 6.297, 236.829

■ 9, 6.297, 236.829

■ 0, 6.297, 236.829

■ 69, 6.297, 236.829

■ 69, 6.297, 236.829

■ 66, 11.387,

■ 72, 0.988, 236.276

237.925

75, 4.492, 54.984

63, 16.203,
239.338

78, 10.099, 54.439

61, 20.691,
241.107

81, 15.797, 53.968

58, 24.800,
243.308

84, 21.556, 53.577

56, 28.496,
246.027

86, 24.579, 57.368

53, 31.776,
249.341

88, 24.848, 65.815

89, 25.651, 73.880

51, 34.684,
253.302

91, 26.935, 81.283

49, 37.320,
257.896

47, 39.436,
261.889

Harmonies

Complementary

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



69, 6.297, 236.829



68, 6.679, 54.702

Rectangle

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



69, 6.297, 236.829



69, 6.297, 286.829



69, 6.297, 56.829



69, 6.297, 106.829

Sweetspot

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



69, 6.297, 236.814



91, 2.688, 236.217



71, 11.188, 154.151



48, 1.923, 236.251



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, 6.297, 236.814



87, 9.226, 237.057



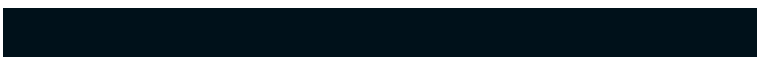
66, 9.572, 282.801



36, 3.044, 236.584



41, 35.076, 261.222



4, 7.724, 248.694

Inverse Universe

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



67, 11.126, 336.460



84, 16.408, 336.644



71, 9.431, 100.065



35, 5.343, 336.273



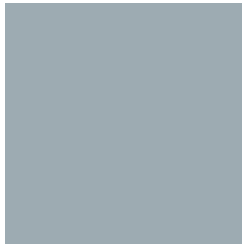
33, 61.953, 347.031



2, 11.881, 340.580

Previews

White Background



This preview shows how the CIELCh color 69, 6.297, 236.829 looks on a white background.

Color Contrast Check

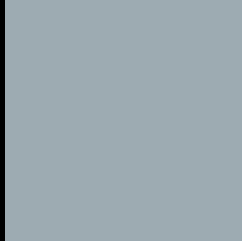
Large Text (above 18pt) WCAG AA × Fail

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, 6.297, 236.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

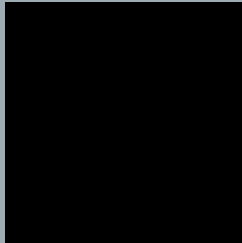
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

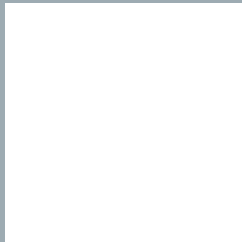
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 6.297, 236.829

Background



This preview shows how black text looks on a background with the CIELCh color 69, 6.297, 236.829.



This preview shows how white text looks on a background with the CIELCh color 69, 6.297, 236.829.

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, 6.297, 236.829

Protanopia

69, 5.017, 299.178

Deuteranopia

69, 10.677, 324.903



Tritanopia
69, 8.245, 259.438

Trichromacy



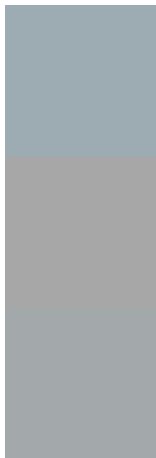
Original Color
69, 6.297, 236.829

Protanomaly
69, 5.051, 278.077

Deuteranomaly
69, 7.412, 305.297

Tritanomaly
69, 7.346, 254.722

Monochromacy



Original Color
69, 6.297, 236.829

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 2.468, 241.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 6.297, 236.829 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(157, 171, 178)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 178)  
}
```

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(157, 171, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 6.297, 236.829 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(157, 171, 178) }
```

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

```
.border{ border-color:rgb(157, 171, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 171, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 171, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 171, 178);  
box-shadow:4px 4px 4px 4px rgb(157, 171,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 6.297, 236.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 171, 178) }
```

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

```
.background{ background-color: rgb(157,  
171, 178) }
```

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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