

Converting Colors

CIELCh(69, 12.667, 286.628)

Have a look what the booklet for
CIELCh(69, 12.667, 286.628)
contains.

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Color

CIELCh(69, 12.667, 286.628)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A4A7BE |
| RGB | 164, 167, 190 |
| RGB Percent | 64%, 65%, 75% |
| CMY | 0.3561, 0.3444, 0.2541 |
| CMYK | 0.14, 0.12, 0.00, 0.25 |
| HSL | 233°, 17%, 69% |
| HSV | 233°, 14%, 75% |
| XYZ | 38.5166, 39.3444, 54.3890 |
| YIQ | 168.7250, -9.1710, 6.5170 |

Conversions

Conversions Part 2

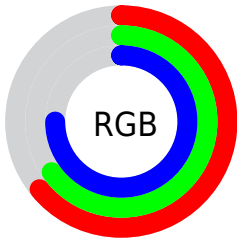
| Format | Color |
|-------------------------------------|--|
| RYB | 164, 167, 190 |
| Decimal | 10790846 |
| CIELab | 69.00, 3.62, -12.14 |
| CIElCh | 69, 12.667, 286.628 |
| Yxy | 39.3444, 0.2912, 0.2975 |
| Android (android.graphics.Color) | 4288980926 (0xFFA4A7BE) |
| YUV | 168.7250, 10.4886, -4.1438 |
| Hunter-Lab | 62.7251, -0.1603, -7.5028 |

Details

The CIELCh color $69, 12.667, 286.628$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $76, 12.378, 103.598$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 12.537, 286.521$, and $49, 12.959, 286.941$ is the 20% darker color. If you saturate the color by 10%, you get $63, 22.316, 288.004$, and if you desaturate by 10%, it is $75, 3.351, 285.466$.

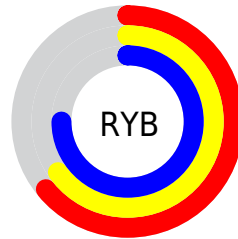
Distribution



Red (64%)

Green (65%)

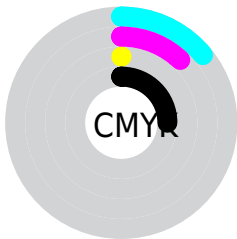
Blue (75%)



Red (64%)

Yellow (65%)

Blue (75%)

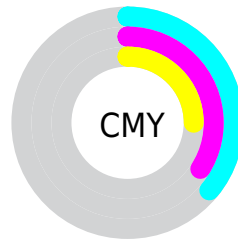


Cyan (14%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (34%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 12.667, 286.628 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, 12.667, 286.628 by changing the saturation by 10% instead.

 69, 12.667,
286.628

 69, 12.667,
286.628

 100, 12.667,
286.628

 59, 12.667,
286.628

 89, 12.667,
286.628

 49, 12.667,
286.628

 99, 12.667,
286.628

 39, 12.667,
286.628

 29, 12.667,
286.628

 19, 12.667,
286.628

 9, 12.667, 286.628

 0, 12.667, 286.628

69, 12.667,
286.628

69, 12.667,
286.628

63, 22.316,
288.004

75, 3.351, 285.466

57, 32.331,
289.623

81, 5.654, 104.403

51, 42.740,
291.510

87, 14.370,
103.545

45, 53.555,
293.680

92, 22.815,
102.796

40, 64.731,
296.112

98, 30.888,
105.185

35, 76.065,
298.715

99, 32.614,
107.695

30, 87.031,
301.303

26, 96.609,

303.592

■ 25, 101.393,
304.698

Harmonies

Complementary

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



69, 12.667, 286.628



76, 12.378, 103.598

Rectangle

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



69, 12.667, 286.628



69, 12.667, 336.628



69, 12.667, 106.628



69, 12.667, 156.628

Sweetspot

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



69, 12.666, 286.624



94, 4.520, 285.506



75, 9.517, 188.768



50, 3.241, 285.586



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 12.666, 286.624



86, 18.429, 286.960



69, 14.807, 305.609



37, 5.179, 286.094



20, 87.654, 304.445



2, 15.993, 287.209

Inverse Universe

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



70, 10.180, 11.059



87, 14.867, 11.333



76, 14.467, 124.212



37, 4.136, 10.620



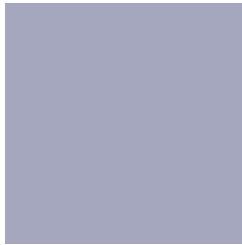
33, 68.272, 34.430



3, 12.353, 12.784

Previews

White Background



This preview shows how the CIELCh color 69, 12.667, 286.628 looks on a white background.

Color Contrast Check

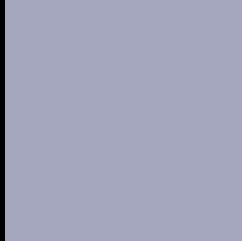
Large Text (above 18pt) WCAG AA × Fail

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, 12.667, 286.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

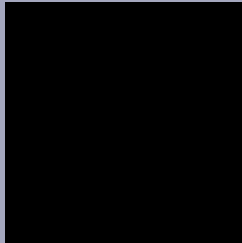
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 12.667, 286.628

Background



This preview shows how black text looks on a background with the CIELCh color 69, 12.667, 286.628.



This preview shows how white text looks on a background with the CIELCh color 69, 12.667, 286.628.

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

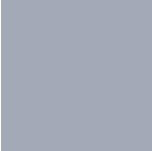
69, 12.667, 286.628

Protanopia

69, 12.649, 288.227

Deuteranopia

69, 15.343, 305.177



Tritanopia
69, 7.419, 273.876

Trichromacy



Original Color
69, 12.667, 286.628

Protanomaly
69, 12.649, 288.227

Deuteranomaly
69, 14.451, 298.704

Tritanomaly
69, 9.476, 280.196

Monochromacy



Original Color
69, 12.667, 286.628

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.955, 286.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 12.667, 286.628 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(164, 167, 190)` looks like.

```
.text, #text, p{  
    color:rgb(164, 167, 190)  
}
```

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(164, 167, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 167, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 12.667, 286.628 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(164, 167, 190) }
```

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

```
.border{ border-color:rgb(164, 167, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 167, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 167, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 167, 190);  
box-shadow:4px 4px 4px 4px rgb(164, 167,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 12.667, 286.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 167, 190) }
```

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

```
.background{ background-color: rgb(164,  
167, 190) }
```

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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