

Converting Colors

CIELCh(68, 11.534, 277.745)

Have a look what the booklet for
CIELCh(68, 11.534, 277.745)
contains.

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Color

CIELCh(68, 11.312, 276.742)

Conversions

Conversions Part 1

Format	Color
Hex	9EA6BA
RGB	158, 166, 186
RGB Percent	62%, 65%, 73%
CMY	0.3813, 0.3499, 0.2715
CMYK	0.15, 0.11, 0.00, 0.27
HSL	223°, 17%, 67%
HSV	223°, 15%, 73%
XYZ	36.4899, 37.9720, 51.7316
YIQ	165.8880, -11.1880, 4.5240

Conversions

Conversions Part 2

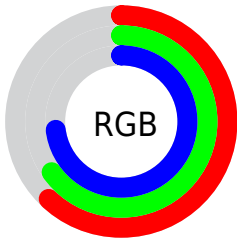
Format	Color
RYB	158, 164, 186
Decimal	10397370
CIELab	68.00, 1.33, -11.23
CIELCh	68, 11.312, 276.742
Yxy	37.9720, 0.2892, 0.3009
Android (android.graphics.Color)	4288587450 (0xFF9EA6BA)
YUV	165.8880, 9.9152, -6.9178
Hunter-Lab	61.6215, -2.1367, -6.6394

Details

The CIELCh color $68, 11.312, 276.742$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 11.253, 92.902$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 11.245, 277.027$, and $48, 11.514, 276.699$ is the 20% darker color. If you saturate the color by 10%, you get $63, 19.014, 278.319$, and if you desaturate by 10%, it is $73, 3.770, 275.407$.

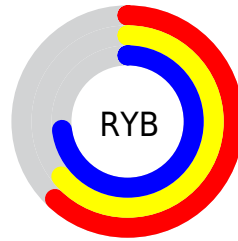
Distribution



Red (62%)

Green (65%)

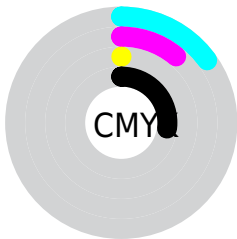
Blue (73%)



Red (62%)

Yellow (64%)

Blue (73%)

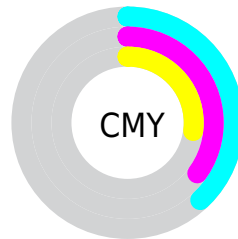


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (38%)


Magenta (35%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 11.312, 276.742 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 68, 11.312, 276.742 by changing the saturation by 10% instead.


 68, 11.312,
276.742


 68, 11.312,
276.742


 100, 11.312,
276.742


 58, 11.312,
276.742


 88, 11.312,
276.742

 48, 11.312,
276.742


 98, 11.312,
276.742

 38, 11.312,
276.742

 28, 11.312,
276.742

 18, 11.312,
276.742

 8, 11.312, 276.742

 0, 11.312, 276.742

68, 11.312,
276.742

68, 11.312,
276.742

63, 19.014,
278.319

73, 3.770, 275.407

58, 26.893,
280.172

78, 3.614, 94.124

53, 34.967,
282.333

83, 10.847, 93.141

48, 43.262,
284.834

88, 17.931, 92.260

44, 51.806,
287.681

92, 24.871, 91.484

39, 60.606,
290.836

96, 30.460,
100.818

35, 69.598,
294.189

99, 34.803,
107.526

31, 78.553,

297.544

■ 30, 82.850,
299.050

Harmonies

Complementary

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



68, 11.312, 276.742



73, 11.253, 92.902

Rectangle

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



68, 11.312, 276.742



68, 11.312, 326.742



68, 11.312, 96.742



68, 11.312, 146.742

Sweetspot

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



68, 11.311, 276.737



93, 4.615, 275.409



73, 11.243, 174.599



49, 3.175, 275.492



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 11.311, 276.737



85, 16.819, 277.221



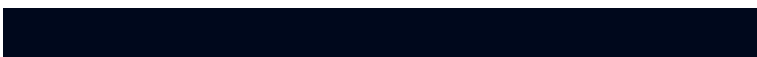
66, 15.692, 299.102



36, 4.189, 275.939



24, 71.666, 298.591



2, 12.280, 279.967

Inverse Universe

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



68, 11.659, 358.391



84, 17.390, 358.759



74, 15.202, 116.979



36, 4.291, 357.767



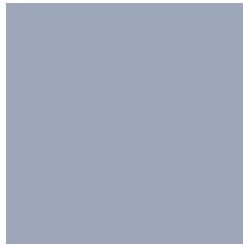
32, 60.759, 21.547



2, 11.160, 2.566

Previews

White Background



This preview shows how the CIELCh color 68, 11.312, 276.742 looks on a white background.

Color Contrast Check

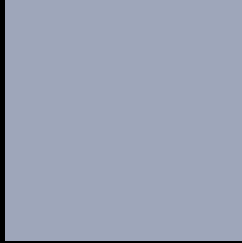
Large Text (above 18pt) WCAG AA × Fail

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 68, 11.312, 276.742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

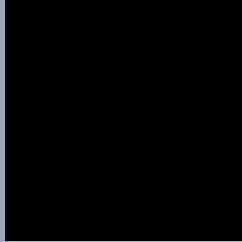
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

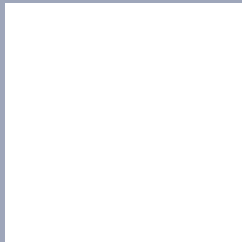
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 11.312, 276.742

Background



This preview shows how black text looks on a background with the CIELCh color 68, 11.312, 276.742.



This preview shows how white text looks on a background with the CIELCh color 68, 11.312, 276.742.

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

68, 11.312, 276.742

Protanopia

68, 11.581, 289.585

Deuteranopia

68, 14.953, 307.023



Tritanopia
68, 7.941, 263.905

Trichromacy



Original Color
68, 11.312, 276.742

Protanomaly
68, 11.086, 283.884

Deuteranomaly
68, 13.344, 297.695

Tritanomaly
68, 8.926, 267.325

Monochromacy



Original Color
68, 11.312, 276.742

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.997, 274.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 11.312, 276.742 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(158, 166, 186)` looks like.

```
.text, #text, p{  
    color:rgb(158, 166, 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(158, 166, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 166, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 11.312, 276.742 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(158, 166, 186) }
```

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

```
.border{ border-color:rgb(158, 166, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 166, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 166, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 166, 186);  
box-shadow:4px 4px 4px 4px rgb(158, 166,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 11.312, 276.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 166, 186) }
```

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

```
.background{ background-color: rgb(158,  
166, 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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