

Converting Colors

CIELCh(68, 11.049, 240.206)

Have a look what the booklet for
CIELCh(68, 11.049, 240.206)
contains.

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Color

CIELCh(68, 11.242, 242.432)

Conversions

Conversions Part 1

Format	Color
Hex	91A9B7
RGB	145, 169, 183
RGB Percent	57%, 66%, 72%
CMY	0.4302, 0.3360, 0.2811
CMYK	0.21, 0.08, 0.00, 0.28
HSL	202°, 21%, 64%
HSV	202°, 21%, 72%
XYZ	34.5577, 37.9720, 50.4807
YIQ	163.4200, -18.7980, -0.7340

Conversions

Conversions Part 2

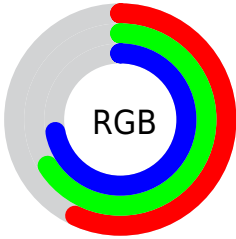
Format	Color
R_{YB}	145, 160, 183
Decimal	9546167
CIE _{Lab}	68.00, -5.20, -9.97
CIE _{LCh}	68, 11.242, 242.432
Yxy	37.9720, 0.2809, 0.3087
Android (android.graphics.Color)	4287736247 (0xFF91A9B7)
YUV	163.4200, 9.6529, -16.1543
Hunter-Lab	61.6215, -7.7337, -5.4358

Details

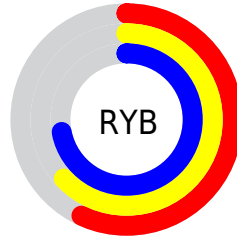
The CIELCh color $68, 11.242, 242.432$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 12.412, 58.150$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 11.361, 242.784$, and $48, 11.166, 242.364$ is the 20% darker color. If you saturate the color by 10%, you get $65, 16.323, 243.958$, and if you desaturate by 10%, it is $71, 5.923, 241.202$.

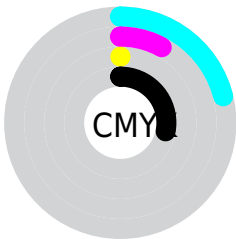
Distribution



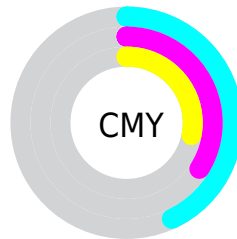
- Red (57%)
- Green (66%)
- Blue (72%)



- Red (57%)
- Yellow (63%)
- Blue (72%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (28%)




- Cyan (43%)
- Magenta (34%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 11.242, 242.432 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, 11.242, 242.432 by changing the saturation by 10% instead.


 68, 11.242,
242.432


 68, 11.242,
242.432


 100, 11.242,
242.432


 58, 11.242,
242.432


 88, 11.242,
242.432

 48, 11.242,
242.432

 98, 11.242,
242.432

 38, 11.242,
242.432

 28, 11.242,
242.432

 18, 11.242,
242.432

 8, 11.242, 242.432

 0, 11.242, 242.432

68, 11.242,
242.432

68, 11.242,
242.432

65, 16.323,
243.958

71, 5.923, 241.202

62, 21.118,
245.853

74, 0.415, 241.152

78, 5.237, 59.175

59, 25.584,
248.184

81, 10.995, 58.523

56, 29.693,
251.029

84, 16.828, 57.959

87, 22.610, 57.662

54, 33.451,
254.461

89, 23.034, 68.086

51, 36.906,
258.514

91, 24.193, 77.779

92, 25.980, 86.312

49, 40.160,
263.156

47, 43.171,

267.714

Harmonies

Complementary

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



68, 11.242, 242.432



67, 12.412, 58.150

Rectangle

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



68, 11.242, 242.432



68, 11.242, 292.432



68, 11.242, 62.432



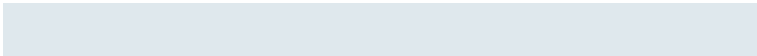
68, 11.242, 112.432

Sweetspot

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



68, 11.242, 242.425



91, 4.112, 240.755



71, 19.428, 155.489



49, 2.747, 240.810



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 11.242, 242.425



84, 16.556, 243.101



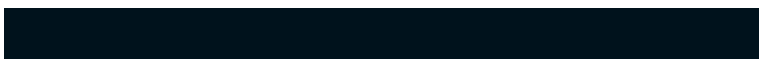
63, 18.490, 286.688



37, 3.137, 241.057



40, 37.899, 267.001



5, 9.081, 254.168

Inverse Universe

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



64, 19.652, 338.738



79, 29.260, 339.131



72, 17.897, 101.897



36, 5.333, 337.827



34, 61.488, 349.835



3, 13.316, 343.195

Previews

White Background



This preview shows how the CIELCh color 68, 11.242, 242.432 looks on a white background.

Color Contrast Check

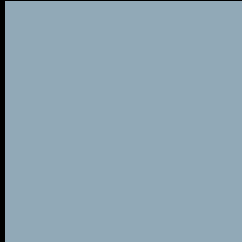
Large Text (above 18pt) WCAG AA × Fail

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, 11.242, 242.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

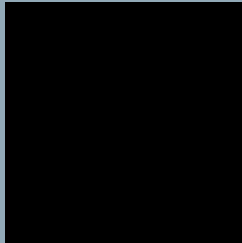
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

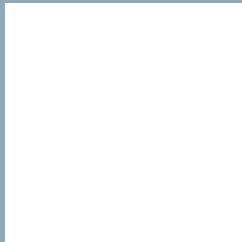
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 11.242, 242.432

Background



This preview shows how black text looks on a background with the CIELCh color 68, 11.242, 242.432.



This preview shows how white text looks on a background with the CIELCh color 68, 11.242, 242.432.

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

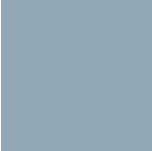
68, 11.242, 242.432

Protanopia

68, 8.827, 291.084

Deuteranopia

68, 13.898, 308.205



Tritanopia
68, 11.242, 242.432

Trichromacy



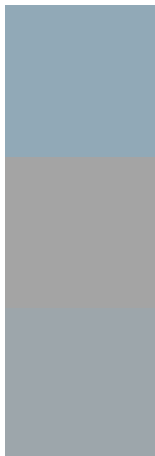
Original Color
68, 11.242, 242.432

Protanomaly
68, 8.808, 269.469

Deuteranomaly
68, 11.042, 287.576

Tritanomaly
68, 11.242, 242.432

Monochromacy



Original Color
68, 11.242, 242.432

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 4.275, 239.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 11.242, 242.432 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(145, 169, 183)` looks like.

```
.text, #text, p{  
    color:rgb(145, 169, 183)  
}
```

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(145, 169, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 169, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 11.242, 242.432 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(145, 169, 183) }
```

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

```
.border{ border-color:rgb(145, 169, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 169, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 169, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 169, 183);  
box-shadow:4px 4px 4px 4px rgb(145, 169,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 11.242, 242.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 169, 183) }
```

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

```
.background{ background-color: rgb(145,  
169, 183) }
```

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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