

Converting Colors

CIELCh(68, 13.563, 249.806)

Have a look what the booklet for
CIELCh(68, 13.563, 249.806)
contains.

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Color

CIELCh(68, 13.552, 249.786)

Conversions

Conversions Part 1

Format	Color
Hex	8FA9BC
RGB	143, 169, 188
RGB Percent	56%, 66%, 74%
CMY	0.4382, 0.3363, 0.2617
CMYK	0.24, 0.10, 0.00, 0.26
HSL	205°, 25%, 65%
HSV	205°, 24%, 74%
XYZ	34.7090, 37.9720, 53.2210
YIQ	163.3920, -21.5950, 0.3970

Conversions

Conversions Part 2

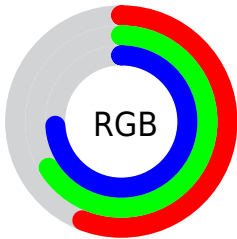
Format	Color
RYB	143, 159, 188
Decimal	9415100
CIELab	68.00, -4.68, -12.72
CIElCh	68, 13.552, 249.786
Yxy	37.9720, 0.2757, 0.3016
Android (android.graphics.Color)	4287605180 (0xFF8FA9BC)
YUV	163.3920, 12.1317, -17.8838
Hunter-Lab	61.6215, -7.2953, -8.0724

Details

The CIELCh color $68, 13.552, 249.786$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 14.908, 63.989$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 13.588, 249.506$, and $48, 13.578, 250.577$ is the 20% darker color. If you saturate the color by 10%, you get $65, 18.921, 251.599$, and if you desaturate by 10%, it is $71, 7.989, 248.291$.

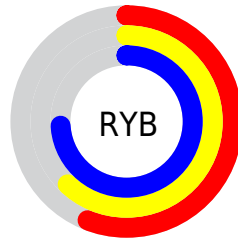
Distribution



Red (56%)

Green (66%)

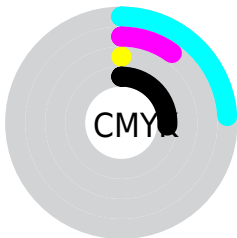
Blue (74%)



Red (56%)

Yellow (62%)

Blue (74%)

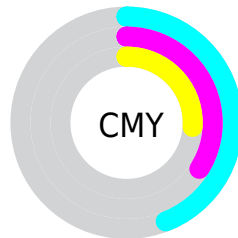


Cyan (24%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (44%)


Magenta (34%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 13.552, 249.786 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, 13.552, 249.786 by changing the saturation by 10% instead.


 68, 13.552,
249.786


 68, 13.552,
249.786


 100, 13.552,
249.786


 58, 13.552,
249.786


 88, 13.552,
249.786

 48, 13.552,
249.786

 98, 13.552,
249.786

 38, 13.552,
249.786

 28, 13.552,
249.786

 18, 13.552,
249.786

 8, 13.552, 249.786

 0, 13.552, 249.786

68, 13.552,
249.786

68, 13.552,
249.786

65, 18.921,
251.599

71, 7.989, 248.291

61, 24.063,
253.805

75, 2.273, 247.166

79, 3.558, 65.826

58, 28.952,
256.470

82, 9.473, 65.019

55, 33.584,
259.658

86, 15.441, 64.292

89, 21.096, 64.547

52, 37.990,
263.412

91, 22.304, 77.110

49, 42.248,
267.717

93, 24.462, 87.844

95, 27.328, 96.503

47, 46.473,
272.472

45, 49.123,

Harmonies

Complementary

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



68, 13.552, 249.786



68, 14.908, 63.989

Rectangle

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



68, 13.552, 249.786



68, 13.552, 299.786



68, 13.552, 69.786



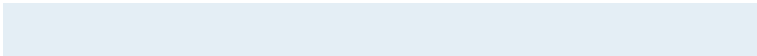
68, 13.552, 119.786

Sweetspot

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



68, 13.551, 249.781



93, 5.018, 247.463



73, 22.021, 157.424



49, 3.257, 247.528



98, 0.011, 296.813



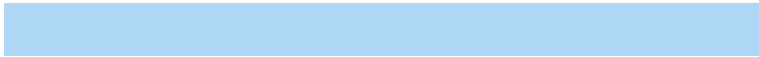
51, 0.007, 296.813

Same Dimension

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



68, 13.551, 249.781



84, 20.176, 250.748



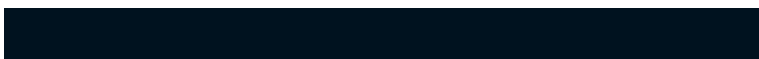
62, 23.183, 289.522



38, 3.279, 247.716



38, 42.688, 274.663



5, 10.691, 261.140

Inverse Universe

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



64, 22.363, 341.624



79, 33.629, 342.148



74, 22.150, 104.127



37, 5.253, 340.361



34, 60.696, 354.398



3, 14.637, 346.996

Previews

White Background



This preview shows how the CIELCh color 68, 13.552, 249.786 looks on a white background.

Color Contrast Check

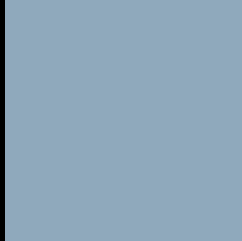
Large Text (above 18pt) WCAG AA × Fail

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 68, 13.552, 249.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

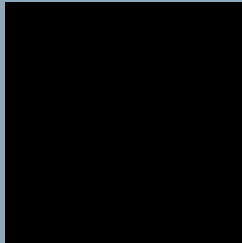
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

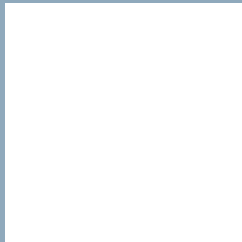
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 13.552, 249.786

Background



This preview shows how black text looks on a background with the CIELCh color 68, 13.552, 249.786.



This preview shows how white text looks on a background with the CIELCh color 68, 13.552, 249.786.

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](#).

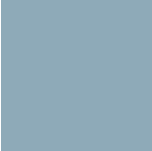
Dichromacy



Original Color
68, 13.552, 249.786

Protanopia
68, 11.581, 289.585

Deuteranopia
68, 16.389, 303.106



Tritanopia
68, 12.229, 238.079

Trichromacy



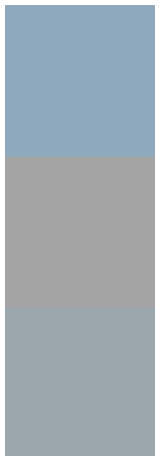
Original Color
68, 13.552, 249.786

Protanomaly
68, 11.491, 273.342

Deuteranomaly
68, 13.831, 285.716

Tritanomaly
68, 12.880, 242.217

Monochromacy



Original Color
68, 13.552, 249.786

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 5.268, 246.495

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 13.552, 249.786 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(143, 169, 188)` looks like.

```
.text, #text, p{  
    color:rgb(143, 169, 188)  
}
```

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(143, 169, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 169, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 13.552, 249.786 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(143, 169, 188) }
```

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

```
.border{ border-color:rgb(143, 169, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 169, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 169, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 169, 188);  
box-shadow:4px 4px 4px 4px rgb(143, 169,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 13.552, 249.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 169, 188) }
```

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

```
.background{ background-color: rgb(143,  
169, 188) }
```

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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