

Converting Colors

CIELCh(68, 13.937, 241.276)

Have a look what the booklet for
CIELCh(68, 13.937, 241.276)
contains.

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Color

CIELCh(68, 13.927, 241.257)

Conversions

Conversions Part 1

Format	Color
Hex	8BAABB
RGB	139, 170, 187
RGB Percent	55%, 67%, 73%
CMY	0.4538, 0.3322, 0.2655
CMYK	0.26, 0.09, 0.00, 0.27
HSL	201°, 26%, 64%
HSV	201°, 26%, 73%
XYZ	34.1253, 37.9720, 52.7095
YIQ	162.6690, -23.9330, -1.2850

Conversions

Conversions Part 2

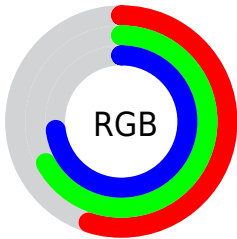
Format	Color
RYB	139, 158, 187
Decimal	9153211
CIELab	68.00, -6.70, -12.21
CIELCh	68, 13.927, 241.257
Yxy	37.9720, 0.2734, 0.3042
Android (android.graphics.Color)	4287343291 (0xFF8BAABB)
YUV	162.6690, 11.9952, -20.7577
Hunter-Lab	61.6215, -8.9860, -7.5802

Details

The CIELCh color $68, 13.927, 241.257$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $67, 15.880, 56.120$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 13.979, 241.357$, and $48, 13.896, 241.632$ is the 20% darker color. If you saturate the color by 10%, you get $65, 18.901, 242.899$, and if you desaturate by 10%, it is $71, 8.668, 239.933$.

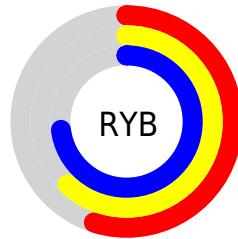
Distribution



Red (55%)

Green (67%)

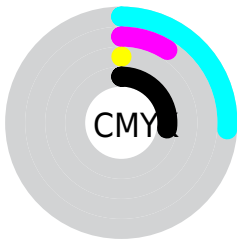
Blue (73%)



Red (55%)

Yellow (62%)

Blue (73%)

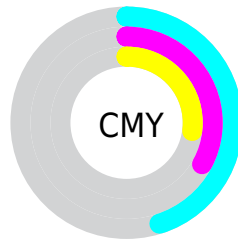


Cyan (26%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (45%)


Magenta (33%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 13.927, 241.257 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, 13.927, 241.257 by changing the saturation by 10% instead.


 68, 13.927,
241.257


 68, 13.927,
241.257


 100, 13.927,
241.257


 58, 13.927,
241.257


 88, 13.927,
241.257

 48, 13.927,
241.257

 98, 13.927,
241.257

 38, 13.927,
241.257

 28, 13.927,
241.257

 18, 13.927,
241.257

 8, 13.927, 241.257

 0, 13.927, 241.257

68, 13.927,
241.257

68, 13.927,
241.257

65, 18.901,
242.899

71, 8.668, 239.933

62, 23.539,
244.941

74, 3.179, 238.938

77, 2.491, 57.732

59, 27.800,
247.458

81, 8.297, 57.138

57, 31.665,
250.531

84, 14.202, 56.569

87, 20.173, 56.088

54, 35.156,
254.224

89, 21.453, 65.047

52, 38.348,
258.552

91, 22.414, 75.443

92, 24.051, 84.652

50, 41.373,
263.437

49, 42.727,

265.569

Harmonies

Complementary

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



68, 13.927, 241.257



67, 15.880, 56.120

Rectangle

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



68, 13.927, 241.257



68, 13.927, 291.257



68, 13.927, 61.257



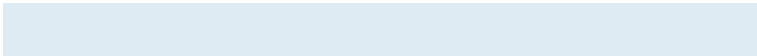
68, 13.927, 111.257

Sweetspot

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



68, 13.926, 241.252



92, 5.541, 239.145



72, 24.739, 154.321



49, 3.959, 239.288



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, 13.926, 241.252



84, 20.478, 242.174



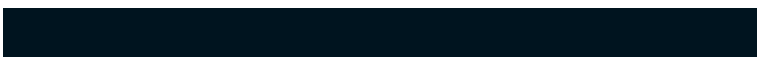
62, 23.013, 286.585



38, 3.197, 239.260



41, 37.375, 264.844



5, 10.048, 253.035

Inverse Universe

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



63, 25.006, 338.491



77, 37.276, 338.995



73, 22.146, 100.426



37, 5.511, 337.193



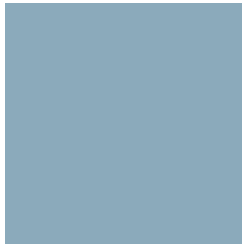
34, 62.683, 348.735



3, 15.383, 342.959

Previews

White Background



This preview shows how the CIELCh color 68, 13.927, 241.257 looks on a white background.

Color Contrast Check

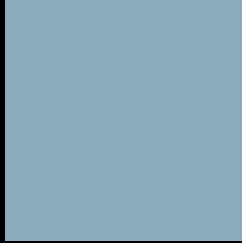
Large Text (above 18pt) WCAG AA × Fail

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, 13.927, 241.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

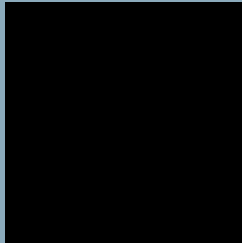
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

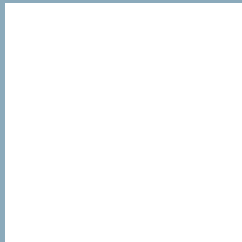
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 13.927, 241.257

Background



This preview shows how black text looks on a background with the CIELCh color 68, 13.927, 241.257.



This preview shows how white text looks on a background with the CIELCh color 68, 13.927, 241.257.

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, 13.927, 241.257

Protanopia

68, 10.480, 289.278

Deuteranopia

68, 15.850, 303.473



Tritanopia
68, 12.985, 232.295

Trichromacy



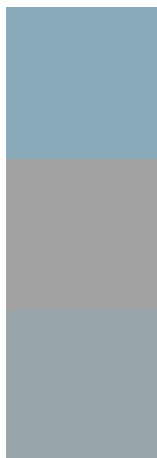
Original Color
68, 13.927, 241.257

Protanomaly
68, 11.199, 268.948

Deuteranomaly
68, 13.319, 283.896

Tritanomaly
68, 13.254, 234.436

Monochromacy



Original Color
68, 13.927, 241.257

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.446, 236.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 13.927, 241.257 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(139, 170, 187)` looks like.

```
.text, #text, p{  
    color:rgb(139, 170, 187)  
}
```

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(139, 170, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 170, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 13.927, 241.257 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(139, 170, 187) }
```

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

```
.border{ border-color:rgb(139, 170, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 170, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 170, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 170, 187);  
box-shadow:4px 4px 4px 4px rgb(139, 170,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 13.927, 241.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 170, 187) }
```

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

```
.background{ background-color: rgb(139,  
170, 187) }
```

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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