

Converting Colors

CIELCh(68, 11.831, 243.425)

Have a look what the booklet for
CIELCh(68, 11.831, 243.425)
contains.

CIELCh(68, 11.831, 243.425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(68, 11.831, 243.425)

Conversions

Conversions Part 1

Format	Color
Hex	90A9B8
RGB	144, 169, 184
RGB Percent	56%, 66%, 72%
CMY	0.4337, 0.3356, 0.2768
CMYK	0.22, 0.08, 0.00, 0.28
HSL	202°, 22%, 64%
HSV	202°, 22%, 72%
XYZ	34.5315, 37.9720, 51.0853
YIQ	163.2350, -19.7150, -0.6350

Conversions

Conversions Part 2

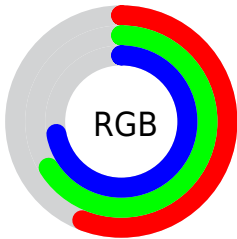
Format	Color
RYB	144, 159, 184
Decimal	9480632
CIELab	68.00, -5.29, -10.58
CIELCh	68, 11.831, 243.425
Yxy	37.9720, 0.2794, 0.3072
Android (android.graphics.Color)	4287670712 (0xFF90A9B8)
YUV	163.2350, 10.2371, -16.8691
Hunter-Lab	61.6215, -7.8094, -6.0174

Details

The CIELCh color $68, 11.831, 243.425$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 13.101, 58.828$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 11.932, 243.648$, and $48, 11.774, 243.542$ is the 20% darker color. If you saturate the color by 10%, you get $65, 16.936, 245.010$, and if you desaturate by 10%, it is $71, 6.489, 242.142$.

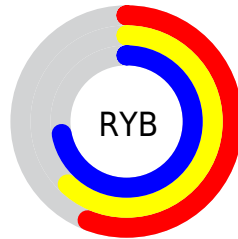
Distribution



Red (56%)

Green (66%)

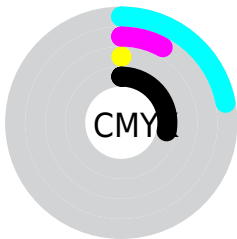
Blue (72%)



Red (56%)

Yellow (62%)

Blue (72%)

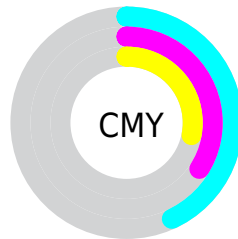


Cyan (22%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (43%)


Magenta (34%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 11.831, 243.425 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, 11.831, 243.425 by changing the saturation by 10% instead.


 68, 11.831,
243.425


 68, 11.831,
243.425


 100, 11.831,
243.425


 58, 11.831,
243.425


 88, 11.831,
243.425

 48, 11.831,
243.425

 98, 11.831,
243.425

 38, 11.831,
243.425

 28, 11.831,
243.425

 18, 11.831,
243.425

 8, 11.831, 243.425

 0, 11.831, 243.425

68, 11.831,
243.425

68, 11.831,
243.425

65, 16.936,
245.010

71, 6.489, 242.142

62, 21.759,
246.971

74, 0.959, 241.458

78, 4.716, 60.034

59, 26.258,
249.376

81, 10.496, 59.357

56, 30.410,
252.304

84, 16.350, 58.766

88, 22.234, 58.299

53, 34.226,
255.821

89, 22.735, 69.115

51, 37.762,
259.954

91, 24.010, 79.077

93, 25.936, 87.741

49, 41.125,
264.655

47, 43.938,

268.737

Harmonies

Complementary

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



68, 11.831, 243.425



67, 13.101, 58.828

Rectangle

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



68, 11.831, 243.425



68, 11.831, 293.425



68, 11.831, 63.425



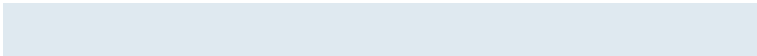
68, 11.831, 113.425

Sweetspot

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



68, 11.830, 243.418



92, 4.840, 241.668



72, 20.428, 155.400



49, 3.140, 241.724



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, 11.830, 243.418



84, 17.383, 244.130



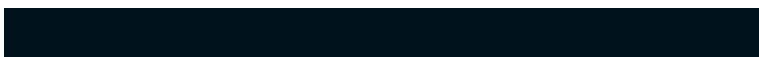
63, 19.475, 286.829



37, 3.143, 241.886



40, 38.380, 268.003



5, 9.129, 254.962

Inverse Universe

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



64, 20.581, 339.127



79, 30.566, 339.531



73, 18.819, 101.790



36, 5.309, 338.127



34, 61.281, 350.370



3, 13.250, 343.573

Previews

White Background



This preview shows how the CIELCh color 68, 11.831, 243.425 looks on a white background.

Color Contrast Check

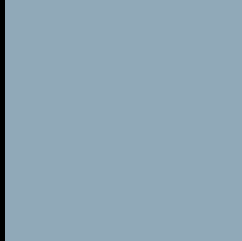
Large Text (above 18pt) WCAG AA × Fail

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, 11.831, 243.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

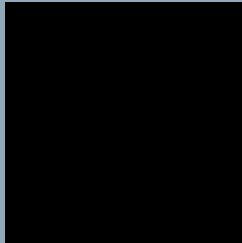
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

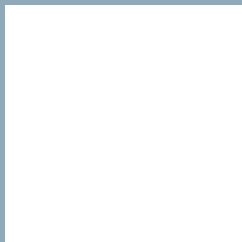
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 11.831, 243.425

Background



This preview shows how black text looks on a background with the CIELCh color 68, 11.831, 243.425.



This preview shows how white text looks on a background with the CIELCh color 68, 11.831, 243.425.

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](#).

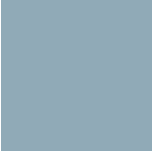
Dichromacy



Original Color
68, 11.831, 243.425

Protanopia
68, 9.378, 291.139

Deuteranopia
68, 14.425, 307.590



Tritanopia
68, 11.406, 237.886

Trichromacy



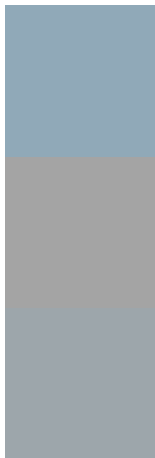
Original Color
68, 11.831, 243.425

Protanomaly
68, 9.318, 270.815

Deuteranomaly
68, 11.592, 287.817

Tritanomaly
68, 11.725, 240.149

Monochromacy



Original Color
68, 11.831, 243.425

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, 11.831, 243.425 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(144, 169, 184)` looks like.

```
.text, #text, p{  
    color:rgb(144, 169, 184)  
}
```

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(144, 169, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 169, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 11.831, 243.425 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(144, 169, 184) }
```

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

```
.border{ border-color:rgb(144, 169, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 169, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 169, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 169, 184);  
box-shadow:4px 4px 4px 4px rgb(144, 169,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 11.831, 243.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 169, 184) }
```

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

```
.background{ background-color: rgb(144,  
169, 184) }
```

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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