

Converting Colors

CIELCh(68, 31.985, 139.202)

Have a look what the booklet for
CIELCh(68, 31.985, 139.202)
contains.

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Color

CIELCh(68, 32.078, 139.007)

Conversions

Conversions Part 1

Format	Color
Hex	86B17F
RGB	134, 177, 127
RGB Percent	53%, 69%, 50%
CMY	0.4751, 0.3064, 0.5025
CMYK	0.24, 0.00, 0.28, 0.31
HSL	112°, 24%, 60%
HSV	112°, 28%, 69%
XYZ	29.3242, 37.9720, 25.8154
YIQ	158.4430, -9.5780, -24.6660

Conversions

Conversions Part 2

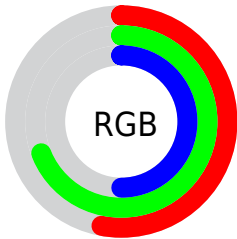
Format	Color
RYB	127, 177, 170
Decimal	8827263
CIELab	68.00, -24.21, 21.04
CIELCh	68, 32.078, 139.007
Yxy	37.9720, 0.3149, 0.4078
Android (android.graphics.Color)	4287017343 (0xFF86B17F)
YUV	158.4430, -15.5014, -21.4365
Hunter-Lab	61.6215, -22.8935, 18.2963

Details

The CIELCh color **68, 32.078, 139.007** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **59, 32.350, 321.869**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 32.189, 139.038**, and **48, 31.728, 139.267** is the 20% darker color. If you saturate the color by 10%, you get **67, 43.265, 138.305**, and if you desaturate by 10%, it is **69, 20.713, 139.638**.

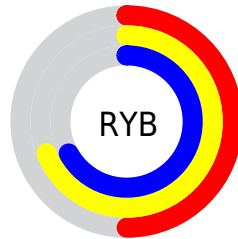
Distribution



Red (53%)

Green (69%)

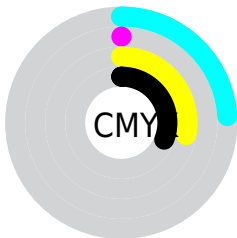
Blue (50%)



Red (50%)

Yellow (69%)

Blue (67%)

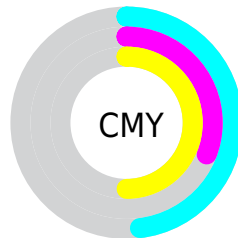


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (31%)



Cyan (48%)


Magenta (31%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 32.078, 139.007 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, 32.078, 139.007 by changing the saturation by 10% instead.


 68, 32.078,
139.007


 68, 32.078,
139.007


 100, 32.078,
139.007


 58, 32.078,
139.007


 88, 32.078,
139.007

 48, 32.078,
139.007

 98, 32.078,
139.007

 38, 32.078,
139.007

 28, 32.078,
139.007

 18, 32.078,
139.007

 8, 32.078, 139.007

 0, 32.078, 139.007

68, 32.078,
139.007

68, 32.078,
139.007

67, 43.265,
138.305

69, 20.713,
139.638

66, 54.050,
137.546

71, 9.330, 140.200

65, 64.142,
136.768

72, 1.951, 320.548

64, 73.165,
136.045

74, 13.044,
321.045

64, 80.665,
135.484

76, 23.895,
321.400

63, 86.177,
135.214

78, 34.466,
321.699

63, 89.572,
135.251

80, 44.740,
321.952

63, 90.063,

82, 48.904,
326.115

Harmonies

Complementary

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



68, 32.078, 139.007



59, 32.350, 321.869

Rectangle

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



68, 32.078, 139.007



68, 32.078, 189.007



68, 32.078, 319.007



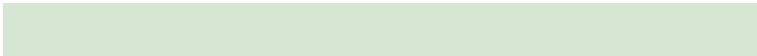
68, 32.078, 9.007

Sweetspot

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



68, 32.079, 139.008



90, 11.157, 140.207



69, 23.306, 100.141



47, 7.928, 140.127



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 32.079, 139.008



85, 47.605, 138.572



68, 26.019, 154.076



37, 6.444, 140.142



55, 80.846, 135.151



7, 15.712, 141.487

Inverse Universe

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



59, 32.350, 321.869



72, 48.067, 322.149



59, 26.402, 338.512



35, 6.470, 320.984



32, 79.778, 322.940



2, 15.270, 318.714

Previews

White Background



This preview shows how the CIE LCh color 68, 32.078, 139.007 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, 32.078, 139.007 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, 32.078, 139.007

Background



This preview shows how black text looks on a background with the CIELCh color 68, 32.078, 139.007.

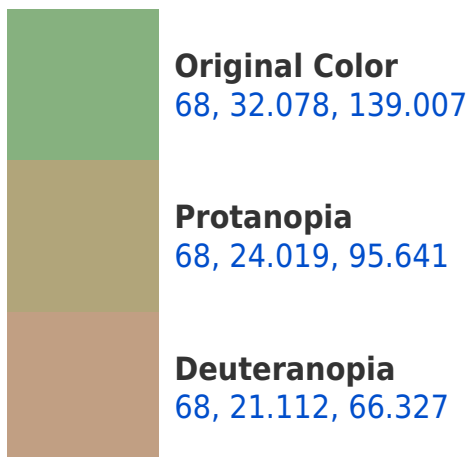


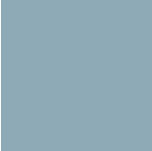
This preview shows how white text looks on a background with the CIELCh color 68, 32.078, 139.007.

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





Tritanopia
68, 11.666, 236.844

Trichromacy



Original Color
68, 32.078, 139.007

Protanomaly
68, 24.701, 115.270

Deuteranomaly
67, 19.844, 100.965

Tritanomaly
68, 12.839, 175.569

Monochromacy



Original Color
68, 32.078, 139.007

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 11.759, 140.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 32.078, 139.007 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(134, 177, 127)` looks like.

```
.text, #text, p{  
    color:rgb(134, 177, 127)  
}
```

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(134, 177, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 177, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 32.078, 139.007 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(134, 177, 127) }
```

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

```
.border{ border-color:rgb(134, 177, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 177, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 177, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 177, 127);  
box-shadow:4px 4px 4px 4px rgb(134, 177,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 32.078, 139.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 177, 127) }
```

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

```
.background{ background-color: rgb(134,  
177, 127) }
```

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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