

Converting Colors

CIELCh(69, 23.633, 139.322)

Have a look what the booklet for
CIELCh(69, 23.633, 139.322)
contains.

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Color

CIELCh(69, 23.769, 139.611)

Conversions

Conversions Part 1

Format	Color
Hex	91B18C
RGB	145, 177, 140
RGB Percent	57%, 69%, 55%
CMY	0.4315, 0.3060, 0.4511
CMYK	0.18, 0.00, 0.21, 0.31
HSL	112°, 19%, 62%
HSV	112°, 21%, 69%
XYZ	32.1216, 39.3444, 30.7026
YIQ	163.2140, -7.1950, -18.2910

Conversions

Conversions Part 2

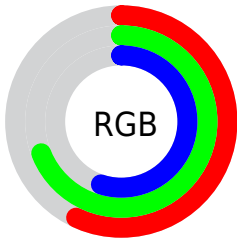
Format	Color
RYB	140, 177, 172
Decimal	9548172
CIELab	69.00, -18.10, 15.40
CIELCh	69, 23.769, 139.611
Yxy	39.3444, 0.3144, 0.3851
Android (android.graphics.Color)	4287738252 (0xFF91B18C)
YUV	163.2140, -11.4445, -15.9737
Hunter-Lab	62.7251, -18.3590, 14.8864

Details

The CIELCh color $69, 23.769, 139.611$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62, 23.924, 321.675$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 23.826, 140.035$, and $49, 23.448, 139.714$ is the 20% darker color. If you saturate the color by 10%, you get $68, 35.131, 138.957$, and if you desaturate by 10%, it is $70, 12.354, 140.193$.

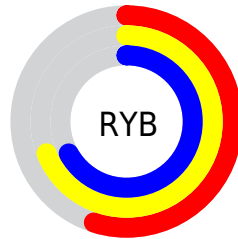
Distribution



Red (57%)

Green (69%)

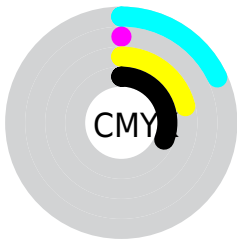
Blue (55%)



Red (55%)

Yellow (69%)

Blue (67%)

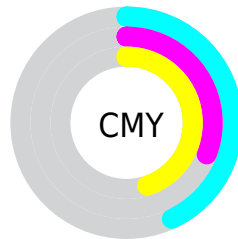


Cyan (18%)

Magenta (0%)

Yellow (21%)

Black (31%)



Cyan (43%)


Magenta (31%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 23.769, 139.611 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 69, 23.769, 139.611 by changing the saturation by 10% instead.


 69, 23.769,
139.611


 69, 23.769,
139.611


 100, 23.769,
139.611


 59, 23.769,
139.611


 89, 23.769,
139.611

 49, 23.769,
139.611

 99, 23.769,
139.611

 39, 23.769,
139.611

 29, 23.769,
139.611

 19, 23.769,
139.611

 9, 23.769, 139.611

 0, 23.769, 139.611

69, 23.769,
139.611

69, 23.769,
139.611

68, 35.131,
138.957

70, 12.354,
140.193

67, 46.256,
138.230

72, 1.014, 140.877

66, 56.907,
137.453

74, 10.158,
321.080

65, 66.769,
136.671

76, 21.097,
321.455

64, 75.441,
135.965

78, 31.762,
321.769

64, 82.454,
135.454

80, 42.132,
322.034

63, 87.369,
135.261

81, 48.363,
325.052

63, 90.158,

82, 48.830,
326.112

Harmonies

Complementary

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



69, 23.769, 139.611



62, 23.924, 321.675

Rectangle

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



69, 23.769, 139.611



69, 23.769, 189.611



69, 23.769, 319.611



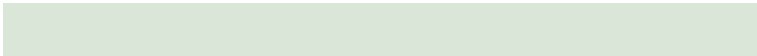
69, 23.769, 9.611

Sweetspot

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



69, 23.771, 139.612



90, 8.367, 140.454



70, 17.247, 100.967



48, 5.547, 140.420



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 23.771, 139.612



86, 35.126, 139.325



69, 19.280, 154.767



37, 6.453, 140.279



55, 80.893, 135.194



7, 15.731, 141.593

Inverse Universe

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



62, 23.924, 321.675



77, 35.389, 321.885



62, 19.503, 337.906



35, 6.480, 321.126



32, 79.734, 323.116



2, 15.300, 318.911

Previews

White Background



This preview shows how the CIELCh color 69, 23.769, 139.611 looks on a white background.

Color Contrast Check

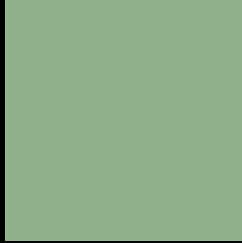
Large Text (above 18pt) WCAG AA × Fail

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 69, 23.769, 139.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

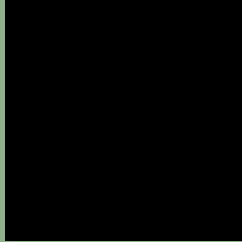
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 23.769, 139.611

Background



This preview shows how black text looks on a background with the CIELCh color 69, 23.769, 139.611.



This preview shows how white text looks on a background with the CIELCh color 69, 23.769, 139.611.

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
69, 23.769, 139.611

Protanopia
69, 17.933, 95.227

Deuteranopia
69, 16.476, 59.025



Tritanopia
69, 10.064, 249.086

Trichromacy



Original Color
69, 23.769, 139.611

Protanomaly
69, 18.624, 114.476

Deuteranomaly
69, 14.140, 93.913

Tritanomaly
69, 9.113, 184.691

Monochromacy



Original Color
69, 23.769, 139.611

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 8.539, 141.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 23.769, 139.611 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, 177, 140)` looks like.

```
.text, #text, p{  
    color:rgb(145, 177, 140)  
}
```

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, 177, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 177, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 23.769, 139.611 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, 177, 140) }
```

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

```
.border{ border-color:rgb(145, 177, 140) }
```

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

Here you see how a box with a 4 pixel rgb(145, 177, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 177, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 177, 140);  
box-shadow:4px 4px 4px 4px rgb(145, 177,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 23.769, 139.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 177, 140) }
```

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

```
.background{ background-color: rgb(145,  
177, 140) }
```

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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