

Converting Colors

CIELCh(69, 23.567, 150.605)

Have a look what the booklet for
CIELCh(69, 23.567, 150.605)
contains.

CIELCh(69, 23.366, 151.046)	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(69, 23.366, 151.046)

Conversions

Conversions Part 1	
Format	Color
Hex	88B293
RGB	136, 178, 147
RGB Percent	53%, 70%, 58%
CMY	0.4655, 0.3007, 0.4223
CMYK	0.24, 0.00, 0.17, 0.30
HSL	136°, 22%, 62%
HSV	136°, 24%, 70%
XYZ	31.4780, 39.3444, 33.6656
YIQ	161.9080, -15.0810, -18.5450

Conversions

Conversions Part 2

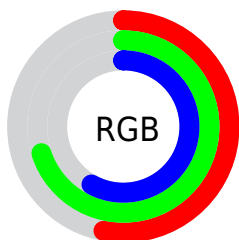
Format	Color
RYB	136, 169, 178
Decimal	8958611
CIELab	69.00, -20.45, 11.31
CIELCh	69, 23.366, 151.046
Yxy	39.3444, 0.3013, 0.3765
Android (android.graphics.Color)	4287148691 (0xFF88B293)
YUV	161.9080, -7.3496, -22.7213
Hunter-Lab	62.7251, -20.1903, 12.0857

Details

The CIELCh color **69, 23.366, 151.046** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 23.530, 334.359**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 23.455, 150.987**, and **49, 23.471, 150.840** is the 20% darker color. If you saturate the color by 10%, you get **68, 33.203, 150.102**, and if you desaturate by 10%, it is **70, 13.423, 151.870**.

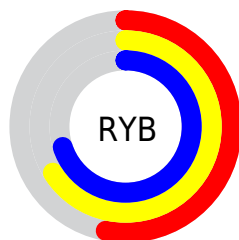
Distribution



Red (53%)

Green (70%)

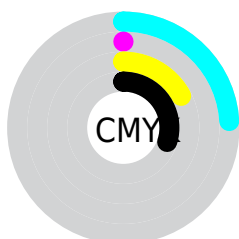
Blue (58%)



Red (53%)

Yellow (66%)

Blue (70%)

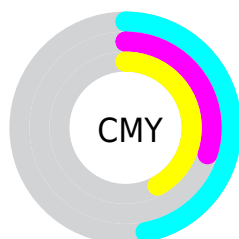


Cyan (24%)

Magenta (0%)

Yellow (17%)

Black (30%)



Cyan (47%)


Magenta (30%)

Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 23.366, 151.046 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, 23.366, 151.046 by changing the saturation by 10% instead.

 69, 23.366,
151.046


 69, 23.366,
151.046

 100, 23.366,
151.046

 59, 23.366,
151.046

 89, 23.366,
151.046

 49, 23.366,
151.046

 99, 23.366,
151.046

 39, 23.366,
151.046


 29, 23.366,
151.046


 19, 23.366,
151.046


 9, 23.366, 151.046


 0, 23.366, 151.046

 69, 23.366,
151.046


 69, 23.366,
151.046

 68, 33.203,
150.102


 70, 13.423,
151.870


 67, 42.768,
149.015


 72, 3.501, 152.642


 66, 51.880,
147.768

 74, 6.299, 333.129


 65, 60.342,
146.347

 76, 15.902,
333.703


 64, 67.964,
144.756


 78, 25.259,
334.192

 64, 74.582,
143.020

 80, 34.341,
334.626

 64, 80.075,
141.200

 82, 41.807,
332.583

 82, 47.012,
326.955

 63, 83.073,

140.101

 82, 48.002,
326.084

Harmonies

Complementary

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



69, 23.366, 151.046



62, 23.530, 334.359

Rectangle

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



69, 23.366, 151.046



69, 23.366, 201.046



69, 23.366, 331.046



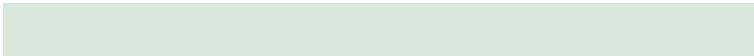
69, 23.366, 21.046

Sweetspot

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



69, 23.368, 151.046



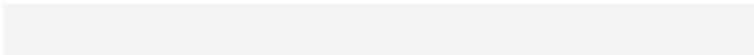
91, 8.553, 152.358



71, 23.076, 118.448



48, 5.604, 152.314



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 23.368, 151.046



87, 34.378, 150.598



70, 16.305, 177.326



37, 5.598, 152.193



55, 73.785, 140.342



7, 14.116, 150.608

Inverse Universe

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



62, 23.530, 334.359



76, 34.642, 334.717



61, 17.679, 1.965



35, 5.622, 333.360



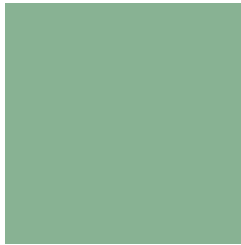
34, 64.826, 341.904



2, 12.605, 336.752

Previews

White Background



This preview shows how the CIE LCh color 69, 23.366, 151.046 looks on a white background.

Color Contrast Check

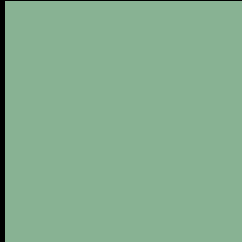
Large Text (above 18pt) WCAG AA × Fail

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, 23.366, 151.046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

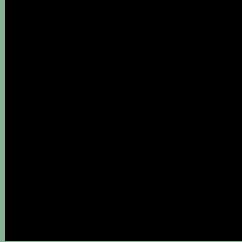
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 23.366, 151.046

Background



This preview shows how black text looks on a background with the CIELCh color 69, 23.366, 151.046.



This preview shows how white text looks on a background with the CIELCh color 69, 23.366, 151.046.

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, 23.366, 151.046

Protanopia

69, 14.251, 92.335

Deuteranopia

69, 12.768, 48.206



Tritanopia

69, 12.457, 237.067

Trichromacy



Original Color
69, 23.366, 151.046

Protanomaly
69, 15.178, 122.204

Deuteranomaly
69, 9.873, 104.588

Tritanomaly
69, 12.252, 193.249

Monochromacy



Original Color
69, 23.366, 151.046

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.369, 152.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 23.366, 151.046 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(136, 178, 147)` looks like.

```
.text, #text, p{  
    color:rgb(136, 178, 147)  
}
```

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(136, 178, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 178, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 23.366, 151.046 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(136, 178, 147) }
```

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

```
.border{ border-color:rgb(136, 178, 147) }
```

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

Here you see how a box with a 4 pixel rgb(136, 178, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 178, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 178, 147);  
box-shadow:4px 4px 4px 4px rgb(136, 178,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 23.366, 151.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 178, 147) }
```

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

```
.background{ background-color: rgb(136,  
178, 147) }
```

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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