

Converting Colors

CIELCh(69, 23.356, 141.612)

Have a look what the booklet for
CIELCh(69, 23.356, 141.612)
contains.

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Color

CIELCh(69, 23.051, 141.758)

Conversions

Conversions Part 1

Format	Color
Hex	90B18E
RGB	144, 177, 142
RGB Percent	56%, 69%, 56%
CMY	0.4352, 0.3057, 0.4430
CMYK	0.19, 0.00, 0.20, 0.31
HSL	117°, 18%, 63%
HSV	117°, 20%, 69%
XYZ	32.1215, 39.3444, 31.5056
YIQ	163.1430, -8.4330, -17.8810

Conversions

Conversions Part 2

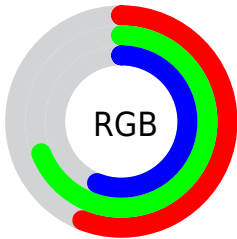
Format	Color
RYB	142, 177, 175
Decimal	9482638
CIELab	69.00, -18.10, 14.27
CIELCh	69, 23.051, 141.758
Yxy	39.3444, 0.3119, 0.3821
Android (android.graphics.Color)	4287672718 (0xFF90B18E)
YUV	163.1430, -10.4235, -16.7884
Hunter-Lab	62.7251, -18.3593, 14.1274

Details

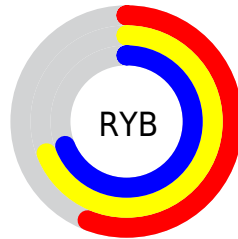
The CIELCh color **69, 23.051, 141.758** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **63, 23.118, 323.892**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 23.144, 142.079**, and **49, 22.694, 142.032** is the 20% darker color. If you saturate the color by 10%, you get **68, 34.712, 141.027**, and if you desaturate by 10%, it is **71, 11.343, 142.398**.

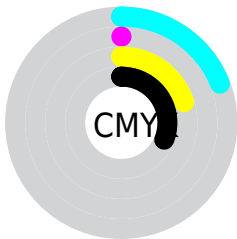
Distribution



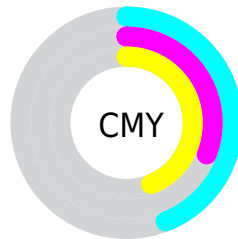
- Red (56%)
- Green (69%)
- Blue (56%)



- Red (56%)
- Yellow (69%)
- Blue (69%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (31%)





- Cyan (44%)
- Magenta (31%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 23.051, 141.758 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, 23.051, 141.758 by changing the saturation by 10% instead.

 69, 23.051,
141.758


 69, 23.051,
141.758


 100, 23.051,
141.758


 59, 23.051,
141.758


 89, 23.051,
141.758

 49, 23.051,
141.758

 99, 23.051,
141.758

 39, 23.051,
141.758

 29, 23.051,
141.758

 19, 23.051,
141.758

 9, 23.051, 141.758

 0, 23.051, 141.758

69, 23.051,
141.758

69, 23.051,
141.758

68, 34.712,
141.027

71, 11.343,
142.398

66, 46.123,
140.198

72, 0.271, 322.091

65, 57.024,
139.282

74, 11.685,
323.355

65, 67.084,
138.318

76, 22.831,
323.752

64, 75.890,
137.381

78, 33.665,
324.085

63, 82.971,
136.584


80, 44.167,
324.366

63, 87.889,
136.064

82, 48.793,
326.111

63, 90.726,

135.777

 63, 90.781,
135.767

Harmonies

Complementary

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



69, 23.051, 141.758



63, 23.118, 323.892

Rectangle

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



69, 23.051, 141.758



69, 23.051, 191.758



69, 23.051, 321.758



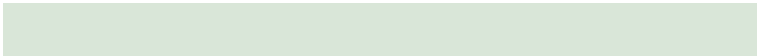
69, 23.051, 11.758

Sweetspot

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



69, 23.053, 141.758



90, 8.577, 142.617



71, 17.728, 105.365



47, 5.686, 142.579



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, 23.053, 141.758



86, 34.577, 141.432



69, 17.118, 158.611



37, 6.616, 142.424



55, 81.469, 135.719



7, 16.031, 143.261

Inverse Universe

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



63, 23.118, 323.892



77, 34.682, 324.125



63, 17.420, 341.804



35, 6.632, 323.354



35, 79.169, 326.028



2, 15.822, 322.099

Previews

White Background



This preview shows how the CIELCh color 69, 23.051, 141.758 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, 23.051, 141.758 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, 23.051, 141.758

Background



This preview shows how black text looks on a background with the CIELCh color 69, 23.051, 141.758.

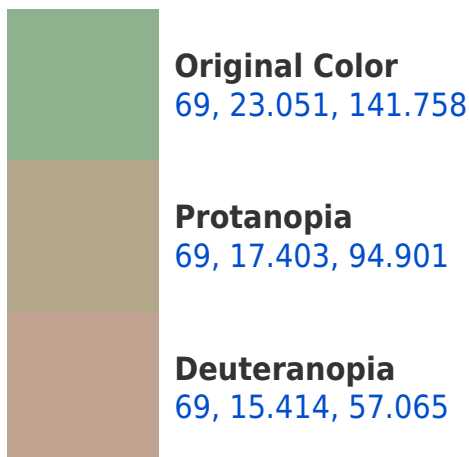


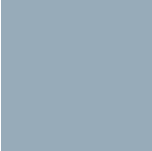
This preview shows how white text looks on a background with the CIELCh color 69, 23.051, 141.758.

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
69, 10.286, 247.622

Trichromacy



Original Color
69, 23.051, 141.758

Protanomaly
69, 17.550, 114.943

Deuteranomaly
69, 12.978, 94.576

Tritanomaly
69, 9.456, 185.172

Monochromacy



Original Color
69, 23.051, 141.758

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, 23.051, 141.758 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, 177, 142)` looks like.

```
.text, #text, p{  
    color:rgb(144, 177, 142)  
}
```

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, 177, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 177, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 23.051, 141.758 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, 177, 142) }
```

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

```
.border{ border-color:rgb(144, 177, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 177, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 177, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 177, 142);  
box-shadow:4px 4px 4px 4px rgb(144, 177,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 23.051, 141.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 177, 142) }
```

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

```
.background{ background-color: rgb(144,  
177, 142) }
```

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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