

Converting Colors

CIELCh(69, 36.370, 123.073)

Have a look what the booklet for
CIELCh(69, 36.370, 123.073)
contains.

CIELCh(69, 36.369, 123.069)	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, 36.369, 123.069)

Conversions

Conversions Part 1

Format	Color
Hex	98B170
RGB	152, 177, 112
RGB Percent	60%, 69%, 44%
CMY	0.4035, 0.3054, 0.5604
CMYK	0.14, 0.00, 0.37, 0.31
HSL	83°, 29%, 57%
HSV	83°, 37%, 69%
XYZ	31.6423, 39.3444, 21.2851
YIQ	162.1150, 5.9650, -25.5150

Conversions

Conversions Part 2

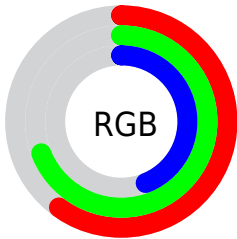
Format	Color
RYB	112, 177, 137
Decimal	10006896
CIELab	69.00, -19.84, 30.48
CIELCh	69, 36.369, 123.069
Yxy	39.3444, 0.3429, 0.4264
Android (android.graphics.Color)	4288196976 (0xFF98B170)
YUV	162.1150, -24.7067, -8.8709
Hunter-Lab	62.7251, -19.7228, 23.7882

Details

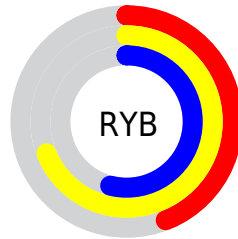
The CIELCh color **69, 36.369, 123.069** is a light color, and the websafe version is hex **999966**. A complement of this color would be **52, 38.841, 307.115**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 36.758, 123.104**, and **49, 36.104, 122.899** is the 20% darker color. If you saturate the color by 10%, you get **68, 45.837, 122.597**, and if you desaturate by 10%, it is **70, 26.606, 123.585**.

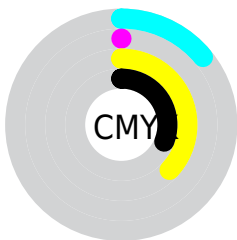
Distribution



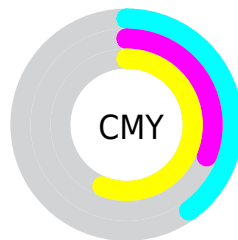
- Red (60%)
- Green (69%)
- Blue (44%)



- Red (44%)
- Yellow (69%)
- Blue (54%)



- Cyan (14%)
- Magenta (0%)
- Yellow (37%)
- Black (31%)





- Cyan (40%)
- Magenta (31%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 36.369, 123.069 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, 36.369, 123.069 by changing the saturation by 10% instead.


 69, 36.369,
123.069


 69, 36.369,
123.069


 100, 36.369,
123.069


 59, 36.369,
123.069


 89, 36.369,
123.069

 49, 36.369,
123.069

 99, 36.369,
123.069

 39, 36.369,
123.069

 29, 36.369,
123.069

 19, 36.369,
123.069

 9, 36.369, 123.069

 0, 36.369, 123.069

69, 36.369,
123.069

69, 36.369,
123.069

68, 45.837,
122.597

70, 26.606,
123.585

68, 54.801,
122.213

71, 16.681,
124.107

67, 62.970,
121.992

72, 6.692, 124.623

67, 69.957,
122.036

73, 3.296, 305.076

66, 75.331,
122.463

74, 13.237,
305.548

66, 78.864,
123.345

75, 23.096,
305.973

66, 79.858,
123.659

76, 32.850,
306.363

77, 42.480,
306.719

■ 78, 43.595,
309.455

Harmonies

Complementary

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



69, 36.369, 123.069



52, 38.841, 307.115

Rectangle

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



69, 36.369, 123.069



69, 36.369, 173.069



69, 36.369, 303.069



69, 36.369, 353.069

Sweetspot

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



69, 36.370, 123.071



90, 13.562, 124.393



60, 22.562, 58.478



47, 9.103, 124.325



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, 36.370, 123.071



86, 53.430, 122.684



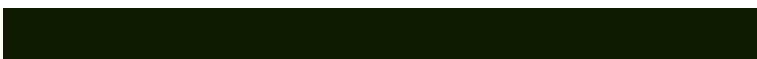
67, 41.891, 139.011



37, 5.691, 124.488



57, 71.589, 123.474



7, 14.124, 128.917

Inverse Universe

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



52, 38.841, 307.115



61, 58.046, 307.683



55, 42.221, 322.944



35, 5.785, 305.409



21, 87.148, 309.752



1, 13.627, 301.688

Previews

White Background



This preview shows how the CIELCh color 69, 36.369, 123.069 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 CIELCh color 69, 36.369, 123.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

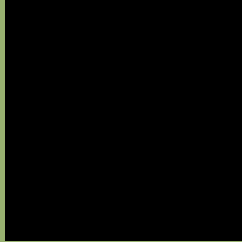
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 36.369, 123.069

Background



This preview shows how black text looks on a background with the CIELCh color 69, 36.369, 123.069.



This preview shows how white text looks on a background with the CIELCh color 69, 36.369, 123.069.

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](#).

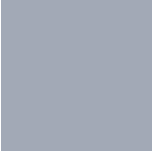
Dichromacy



Original Color
69, 36.369, 123.069

Protanopia
69, 33.099, 95.605

Deuteranopia
69, 30.326, 73.102



Tritanopia
69, 7.524, 271.247

Trichromacy



Original Color
69, 36.369, 123.069

Protanomaly
69, 33.377, 106.011

Deuteranomaly
69, 29.082, 93.728

Tritanomaly
69, 9.850, 142.205

Monochromacy



Original Color
69, 36.369, 123.069

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 13.129, 124.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 36.369, 123.069 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(152, 177, 112)` looks like.

```
.text, #text, p{  
    color:rgb(152, 177, 112)  
}
```

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(152, 177, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 177, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 36.369, 123.069 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(152, 177, 112) }
```

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

```
.border{ border-color:rgb(152, 177, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 177, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 177, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 177, 112);  
box-shadow:4px 4px 4px 4px rgb(152, 177,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 36.369, 123.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 177, 112) }
```

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

```
.background{ background-color: rgb(152,  
177, 112) }
```

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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