

Converting Colors

CIELCh(63, 80.563, 106.395)

Have a look what the booklet for
CIELCh(63, 80.563, 106.395)
contains.

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Color

CIELCh(63, 69.079, 108.126)

Conversions

Conversions Part 1

Format	Color
Hex	93A100
RGB	147, 161, 0
RGB Percent	58%, 63%, 0%
CMY	0.4245, 0.3695, 1.0000
CMYK	0.09, 0.00, 1.00, 0.37
HSL	65°, 100%, 32%
HSV	65°, 100%, 63%
XYZ	24.6892, 31.5869, 4.7805
YIQ	138.4600, 43.3370, -53.0390

Conversions

Conversions Part 2

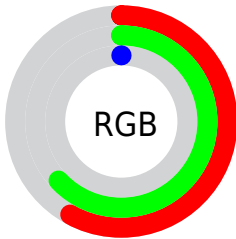
Format	Color
RYB	0, 161, 14
Decimal	9675008
CIELab	63.00, -21.49, 65.65
CIElCh	63, 69.079, 108.126
Yxy	31.5869, 0.4044, 0.5173
Android (android.graphics.Color)	4287865088 (0xFF93A100)
YUV	138.4600, -68.2608, 7.4896
Hunter-Lab	56.2022, -19.9402, 34.2985

Details

The CIELCh color **63, 69.079, 108.126** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **19, 94.293, 306.602**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 69.230, 108.068**, and **43, 53.023, 112.246** is the 20% darker color. If you saturate the color by 10%, you get **63, 69.008, 108.140**, and if you desaturate by 10%, it is **63, 66.674, 107.998**.

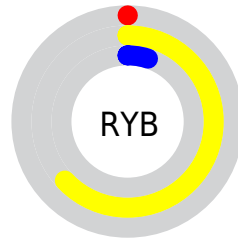
Distribution



Red (58%)

Green (63%)

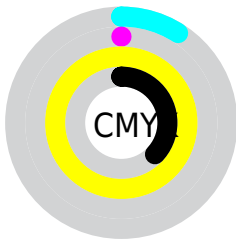
Blue (0%)



Red (0%)

Yellow (63%)

Blue (5%)

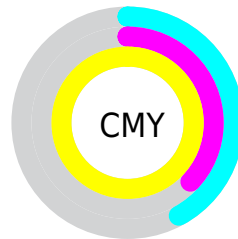


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (42%)


Magenta (37%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 69.079, 108.126 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 63, 69.079, 108.126 by changing the saturation by 10% instead.


 63, 69.079,
108.126


 63, 69.079,
108.126


 100, 69.079,
108.126


 53, 69.079,
108.126


 83, 69.079,
108.126

 43, 69.079,
108.126

 93, 69.079,
108.126

 33, 69.079,
108.126

 23, 69.079,
108.126

 13, 69.079,
108.126

 3, 69.079, 108.126

 0, 69.079, 108.126

■ 63, 69.079,
108.126

■ 63, 69.079,
108.126

■ 63, 69.008,
108.140

■ 63, 66.674,
107.998

■ 63, 62.881,
108.078

■ 64, 57.437,
108.412

■ 64, 50.725,
108.941

■ 64, 43.137,
109.604

■ 64, 34.979,
110.354

■ 65, 26.464,
111.153

■ 65, 17.738,

111.973

■ 66, 8.893, 112.794

Harmonies

Complementary

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



63, 69.079, 108.126



19, 94.293, 306.602

Rectangle

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



63, 69.079, 108.126



63, 69.079, 158.126



63, 69.079, 288.126



63, 69.079, 338.126

Sweetspot

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



63, 69.008, 108.140



82, 32.767, 111.107



34, 72.619, 40.888



43, 22.242, 110.789



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 69.008, 108.140



80, 83.908, 108.238



59, 79.136, 130.369



34, 5.093, 112.853



57, 64.088, 108.096



5, 7.977, 114.623

Inverse Universe

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



19, 94.293, 306.602



26, 114.756, 306.532



27, 86.735, 314.074



32, 5.202, 294.407



16, 87.529, 306.636



0, 7.964, 293.284

Previews

White Background



This preview shows how the CIELCh color 63, 69.079, 108.126 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 63, 69.079, 108.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

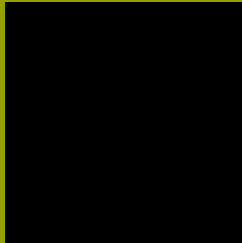
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 69.079, 108.126

Background



This preview shows how black text looks on a background with the CIELCh color 63, 69.079, 108.126.



This preview shows how white text looks on a background with the CIELCh color 63, 69.079, 108.126.

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
63, 69.079, 108.126

Deuteranopia
63, 62.835, 82.438

Tritanopia
63, 7.576, 317.583

Trichromacy



Original Color
63, 69.079, 108.126

Deuteranomaly
63, 63.876, 92.181

Tritanomaly
62, 28.102, 106.163

Monochromacy



Original Color
63, 69.079, 108.126

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 32.128, 110.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 69.079, 108.126 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(147, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(147, 161, 0)  
}
```

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(147, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 161, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 69.079, 108.126 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(147, 161, 0) }
```

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

```
.border{ border-color:rgb(147, 161, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(147, 161,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 69.079, 108.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 161, 0) }
```

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

```
.background{ background-color: rgb(147,  
161, 0) }
```

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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