

Converting Colors

CIELCh(69, 10.021, 330.258)

Have a look what the booklet for
CIELCh(69, 10.021, 330.258)
contains.

CIELCh(69, 10.021, 330.258)	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, 10.021, 330.258)

Conversions

Conversions Part 1

Format	Color
Hex	B5A4B2
RGB	181, 164, 178
RGB Percent	71%, 64%, 70%
CMY	0.2921, 0.3587, 0.3038
CMYK	0.00, 0.09, 0.02, 0.29
HSL	311°, 10%, 67%
HSV	311°, 9%, 71%
XYZ	40.1237, 39.3444, 47.3485
YIQ	170.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

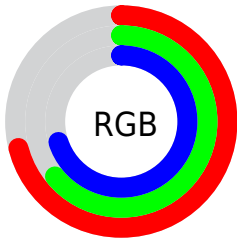
Format	Color
RYB	181, 164, 178
Decimal	11904178
CIELab	69.00, 8.70, -4.97
CIElCh	69, 10.021, 330.258
Yxy	39.3444, 0.3164, 0.3102
Android (android.graphics.Color)	4290094258 (0xFFB5A4B2)
YUV	170.6790, 3.6093, 9.0515
Hunter-Lab	62.7251, 4.4131, -0.8479

Details

The CIELCh color $69, 10.021, 330.258$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 9.991, 149.153$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 10.147, 329.818$, and $49, 9.988, 330.815$ is the 20% darker color. If you saturate the color by 10%, you get $64, 20.765, 330.894$, and if you desaturate by 10%, it is $74, 0.614, 150.143$.

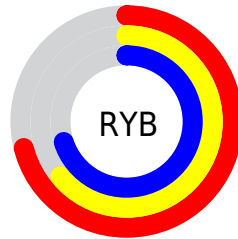
Distribution



Red (71%)

Green (64%)

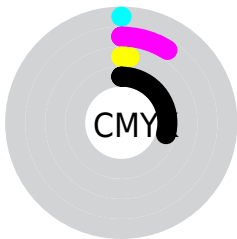
Blue (70%)



Red (71%)

Yellow (64%)

Blue (70%)

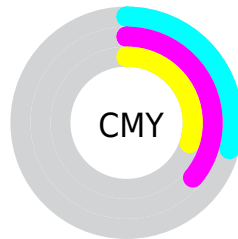


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 10.021, 330.258 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, 10.021, 330.258 by changing the saturation by 10% instead.

 69, 10.021,
330.258


 69, 10.021,
330.258


 100, 10.021,
330.258


 59, 10.021,
330.258


 89, 10.021,
330.258

 49, 10.021,
330.258

 99, 10.021,
330.258

 39, 10.021,
330.258

 29, 10.021,
330.258

 19, 10.021,
330.258

 9, 10.021, 330.258

 0, 10.021, 330.258

69, 10.021,
330.258

69, 10.021,
330.258

64, 20.765,
330.894

74, 0.614, 150.143

60, 31.465,
331.538

79, 11.035,
149.137

56, 41.885,
332.194

84, 21.188,
148.574

52, 51.700,
332.864

89, 31.046,
148.046

48, 60.496,
333.548

94, 40.600,
147.548

46, 67.810,
334.254

94, 40.033,
148.852


43, 73.205,
334.997

94, 38.773,
150.370

42, 76.401,

94, 37.533,
151.982

335.803

 94, 36.317,
153.697

 41, 77.672,
336.688

Harmonies

Complementary

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



69, 10.021, 330.258



72, 9.991, 149.153

Rectangle

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



69, 10.021, 330.258



69, 10.021, 20.258



69, 10.021, 150.258



69, 10.021, 200.258

Sweetspot

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



69, 10.019, 330.259



91, 3.938, 329.816



68, 9.447, 297.411



48, 2.983, 329.882



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, 10.019, 330.259



86, 14.507, 330.372



69, 7.203, 354.508



35, 5.974, 330.253



35, 68.922, 336.610



2, 13.622, 332.405

Inverse Universe

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



69, 10.019, 330.259



86, 14.507, 330.372



72, 7.032, 172.900



35, 5.974, 330.253



35, 68.922, 336.610



2, 13.622, 332.405

Previews

White Background



This preview shows how the CIELCh color 69, 10.021, 330.258 looks on a white background.

Color Contrast Check

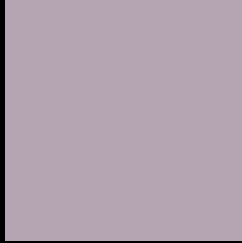
Large Text (above 18pt) WCAG AA × Fail

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, 10.021, 330.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

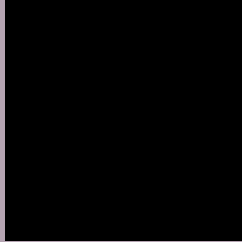
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 10.021, 330.258

Background



This preview shows how black text looks on a background with the CIELCh color 69, 10.021, 330.258.



This preview shows how white text looks on a background with the CIELCh color 69, 10.021, 330.258.

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, 10.021, 330.258

Protanopia

69, 7.164, 293.836

Deuteranopia

69, 10.688, 329.960



Tritanopia
69, 9.365, 330.605

Trichromacy



Original Color
69, 10.021, 330.258

Protanomaly
69, 7.637, 310.693

Deuteranomaly
69, 10.688, 329.960

Tritanomaly
69, 9.365, 330.605

Monochromacy



Original Color
69, 10.021, 330.258

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 3.575, 329.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 10.021, 330.258 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(181, 164, 178)` looks like.

```
.text, #text, p{  
    color:rgb(181, 164, 178)  
}
```

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(181, 164, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 164, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 10.021, 330.258 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(181, 164, 178) }
```

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

```
.border{ border-color:rgb(181, 164, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 164, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 164, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 164, 178);  
box-shadow:4px 4px 4px 4px rgb(181, 164,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 10.021, 330.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 164, 178) }
```

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

```
.background{ background-color: rgb(181,  
164, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor