

Converting Colors

CIELCh(69, 6.270, 348.314)

Have a look what the booklet for
CIELCh(69, 6.270, 348.314) contains.

CIELCh(69, 6.272, 348.307)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 6.272, 348.307)

Conversions

Conversions Part 1

Format	Color
Hex	B3A5AB
RGB	179, 165, 171
RGB Percent	70%, 65%, 67%
CMY	0.2987, 0.3536, 0.3301
CMYK	0.00, 0.08, 0.04, 0.30
HSL	334°, 8%, 67%
HSV	334°, 8%, 70%
XYZ	39.3080, 39.3444, 43.9638
YIQ	169.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

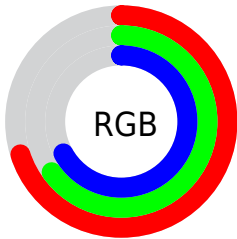
Format	Color
RYB	179, 165, 171
Decimal	11773355
CIELab	69.00, 6.14, -1.27
CIELCh	69, 6.272, 348.307
Yxy	39.3444, 0.3206, 0.3209
Android (android.graphics.Color)	4289963435 (0xFFB3A5AB)
YUV	169.8700, 0.5571, 8.0070
Hunter-Lab	62.7251, 2.0919, 2.3515

Details

The CIELCh color $69, 6.272, 348.307$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 6.180, 167.084$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 6.261, 349.909$, and $49, 6.361, 346.588$ is the 20% darker color. If you saturate the color by 10%, you get $64, 14.477, 349.312$, and if you desaturate by 10%, it is $74, 1.706, 167.751$.

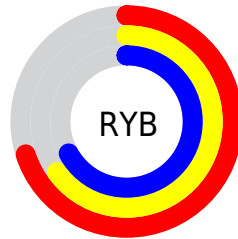
Distribution



Red (70%)

Green (65%)

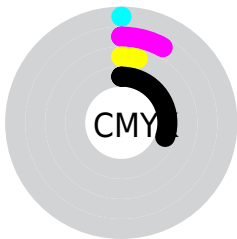
Blue (67%)



Red (70%)

Yellow (65%)

Blue (67%)

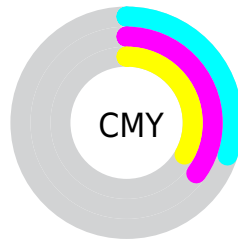


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 6.272, 348.307 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, 6.272, 348.307 by changing the saturation by 10% instead.

■ 69, 6.272, 348.307

■ 69, 6.272, 348.307

■ 100, 6.272,
348.307

■ 59, 6.272, 348.307

■ 89, 6.272, 348.307

■ 49, 6.272, 348.307

■ 99, 6.272, 348.307

■ 39, 6.272, 348.307

■ 29, 6.272, 348.307

■ 19, 6.272, 348.307

■ 9, 6.272, 348.307

■ 0, 6.272, 348.307

■ 69, 6.272, 348.307

■ 69, 6.272, 348.307

■ 64, 14.477,

■ 74, 1.706, 167.751

349.312

79, 9.408, 166.785

59, 22.826,
350.412

84, 16.820,
166.060

55, 31.168,
351.676

89, 23.944,
165.405

51, 39.269,
353.162

94, 30.794,
164.806

47, 46.803,
354.954

95, 28.231,
172.985

44, 53.372,
357.165

95, 25.926,
183.215

41, 58.578,
359.946

95, 24.505,
194.983

39, 62.161, 3.468

95, 24.319,
197.918

38, 64.291, 7.805

Harmonies

Complementary

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



69, 6.272, 348.307



72, 6.180, 167.084

Rectangle

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



69, 6.272, 348.307



69, 6.272, 38.307



69, 6.272, 168.307



69, 6.272, 218.307

Sweetspot

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



69, 6.270, 348.314



91, 1.967, 347.624



69, 8.280, 311.674



49, 1.127, 347.601



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, 6.270, 348.314



87, 8.929, 348.445



69, 5.045, 25.544



35, 4.540, 348.461



32, 57.679, 8.101



2, 10.218, 353.809

Inverse Universe

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



69, 6.270, 348.314



87, 8.929, 348.445



72, 4.802, 205.209



35, 4.540, 348.461



32, 57.679, 8.101



2, 10.218, 353.809

Previews

White Background



This preview shows how the CIELCh color 69, 6.272, 348.307 looks on a white background.

Color Contrast Check

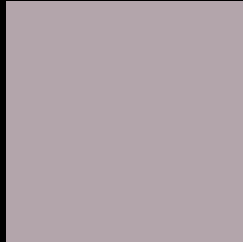
Large Text (above 18pt) WCAG AA × Fail

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, 6.272, 348.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

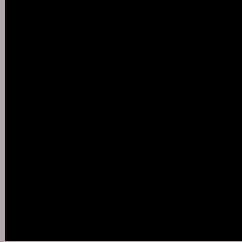
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 6.272, 348.307

Background



This preview shows how black text looks on a background with the CIELCh color 69, 6.272, 348.307.



This preview shows how white text looks on a background with the CIELCh color 69, 6.272, 348.307.

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, 6.272, 348.307

Protanopia

69, 2.336, 309.123

Deuteranopia

69, 8.808, 350.359



Tritanopia
69, 9.365, 330.605

Trichromacy



Original Color
69, 6.272, 348.307

Protanomaly
69, 3.579, 329.522

Deuteranomaly
69, 7.538, 349.479

Tritanomaly
69, 8.566, 335.365

Monochromacy



Original Color
69, 6.272, 348.307

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 2.199, 349.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 6.272, 348.307 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(179, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(179, 165, 171)  
}
```

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(179, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 165, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 6.272, 348.307 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(179, 165, 171) }
```

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

```
.border{ border-color:rgb(179, 165, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 165, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 165, 171);  
box-shadow:4px 4px 4px 4px rgb(179, 165,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 6.272, 348.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 165, 171) }
```

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

```
.background{ background-color: rgb(179,  
165, 171) }
```

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