

Converting Colors

CIELCh(69, 23.769, 359.455)

Have a look what the booklet for
CIELCh(69, 23.769, 359.455)
contains.

CIELCh(69, 23.841, 359.006)	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, 23.841, 359.006)

Conversions

Conversions Part 1

Format	Color
Hex	D299AA
RGB	210, 153, 170
RGB Percent	82%, 60%, 67%
CMY	0.1768, 0.4003, 0.3336
CMYK	0.00, 0.27, 0.19, 0.18
HSL	342°, 39%, 71%
HSV	342°, 27%, 82%
XYZ	45.1800, 39.3444, 43.2031
YIQ	171.9810, 28.5150, 17.3710

Conversions

Conversions Part 2

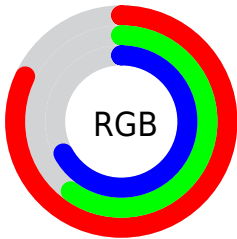
Format	Color
R_{YB}	210, 153, 170
Decimal	13801898
CIE _{Lab}	69.00, 23.84, -0.41
CIE _{LCh}	69, 23.841, 359.006
Yxy	39.3444, 0.3537, 0.3080
Android (android.graphics.Color)	4291991978 (0xFFD299AA)
YUV	171.9810, -0.9766, 33.3427
Hunter-Lab	62.7251, 18.8020, 3.0705

Details

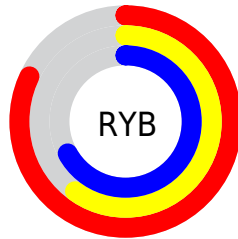
The CIELCh color **69, 23.841, 359.006** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80, 21.998, 173.445**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 19.264, 353.638**, and **49, 24.260, 358.818** is the 20% darker color. If you saturate the color by 10%, you get **64, 33.026, 0.469**, and if you desaturate by 10%, it is **74, 14.801, 357.772**.

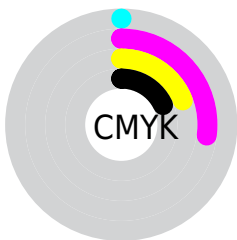
Distribution



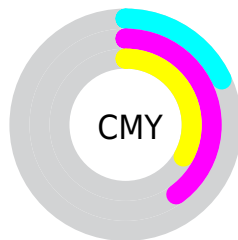
- Red (82%)
- Green (60%)
- Blue (67%)



- Red (82%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (19%)
- Black (18%)





- Cyan (18%)
- Magenta (40%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 23.841, 359.006 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, 23.841, 359.006 by changing the saturation by 10% instead.

 69, 23.841,
359.006

 69, 23.841,
359.006

 100, 23.841,
359.006


 59, 23.841,
359.006


 89, 23.841,
359.006

 49, 23.841,
359.006

 99, 23.841,
359.006

 39, 23.841,
359.006

 29, 23.841,
359.006

 19, 23.841,
359.006

 9, 23.841, 359.006

 0, 23.841, 359.006

69, 23.841,
359.006

69, 23.841,
359.006

64, 33.026, 0.469

74, 14.801,
357.772

59, 42.139, 2.236

80, 6.048, 356.672

55, 50.852, 4.421

86, 2.351, 176.047

51, 58.764, 7.172

92, 10.373,
175.073

48, 65.482, 10.659

46, 70.791, 15.034

97, 16.532,
177.633

45, 74.861, 20.290

97, 15.026,
198.505

44, 76.007, 21.809

Harmonies

Complementary

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



69, 23.841, 359.006



80, 21.998, 173.445

Rectangle

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



69, 23.841, 359.006



69, 23.841, 49.006



69, 23.841, 179.006



69, 23.841, 229.006

Sweetspot

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



69, 23.839, 359.009



95, 7.941, 356.774



69, 34.399, 316.892



50, 5.661, 356.938



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 23.839, 359.009



79, 34.218, 359.886



71, 19.529, 39.190



41, 4.807, 356.916



35, 64.144, 20.837



4, 20.488, 5.644

Inverse Universe

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



69, 23.839, 359.009



79, 34.218, 359.886



77, 16.228, 220.668



41, 4.807, 356.916



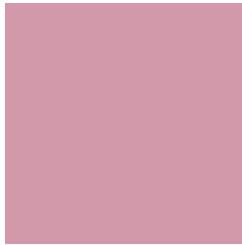
35, 64.144, 20.837



4, 20.488, 5.644

Previews

White Background



This preview shows how the CIELCh color 69, 23.841, 359.006 looks on a white background.

Color Contrast Check

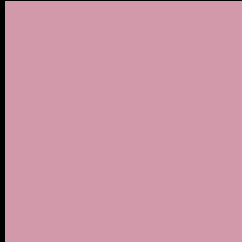
Large Text (above 18pt) WCAG AA × Fail

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, 23.841, 359.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

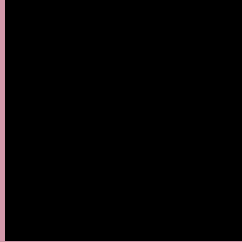
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 23.841, 359.006

Background



This preview shows how black text looks on a background with the CIELCh color 69, 23.841, 359.006.



This preview shows how white text looks on a background with the CIELCh color 69, 23.841, 359.006.

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, 23.841, 359.006

Protanopia
69, 6.061, 294.273

Deuteranopia
69, 8.887, 2.278



Tritanopia
69, 22.286, 6.071

Trichromacy



Original Color
69, 23.841, 359.006

Protanomaly
69, 10.688, 338.566

Deuteranomaly
69, 14.546, 358.743

Tritanomaly
69, 22.504, 3.361

Monochromacy



Original Color
69, 23.841, 359.006

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.677, 357.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 23.841, 359.006 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(210, 153, 170)` looks like.

```
.text, #text, p{  
    color:rgb(210, 153, 170)  
}
```

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(210, 153, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 153, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 23.841, 359.006 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(210, 153, 170) }
```

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

```
.border{ border-color:rgb(210, 153, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 153, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 153, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 153, 170);  
box-shadow:4px 4px 4px 4px rgb(210, 153,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 23.841, 359.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 153, 170) }
```

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

```
.background{ background-color: rgb(210,  
153, 170) }
```

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