

Converting Colors

CIELCh(69, 22.881, 349.628)

Have a look what the booklet for
CIELCh(69, 22.881, 349.628)
contains.

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Color

CIELCh(69, 22.793, 349.921)

Conversions

Conversions Part 1

Format	Color
Hex	CD9AB0
RGB	205, 154, 176
RGB Percent	80%, 60%, 69%
CMY	0.1951, 0.3952, 0.3089
CMYK	0.00, 0.25, 0.14, 0.20
HSL	334°, 34%, 70%
HSV	334°, 25%, 80%
XYZ	44.6968, 39.3444, 46.4335
YIQ	171.7570, 23.3340, 17.6540

Conversions

Conversions Part 2

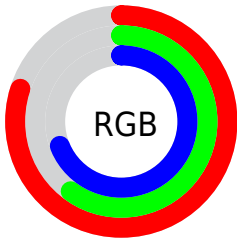
Format	Color
R _{YB}	205, 154, 176
Decimal	13474480
CIE Lab	69.00, 22.44, -3.99
CIE LCh	69, 22.793, 349.921
Yxy	39.3444, 0.3426, 0.3015
Android (android.graphics.Color)	4291664560 (0xFFCD9AB0)
YUV	171.7570, 2.0918, 29.1541
Hunter-Lab	62.7251, 17.4269, 0.0170

Details

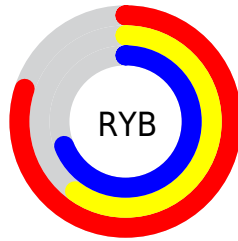
The CIELCh color **69, 22.793, 349.921** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 21.840, 165.209**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 20.442, 345.220**, and **49, 23.174, 349.027** is the 20% darker color. If you saturate the color by 10%, you get **64, 32.156, 351.145**, and if you desaturate by 10%, it is **74, 13.468, 348.852**.

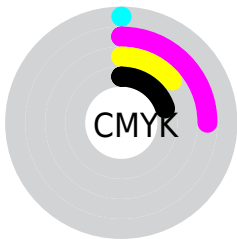
Distribution



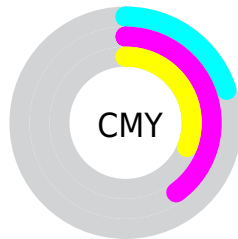
- Red (80%)
- Green (60%)
- Blue (69%)



- Red (80%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (25%)
- Yellow (14%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 22.793, 349.921 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, 22.793, 349.921 by changing the saturation by 10% instead.

 69, 22.793,
349.921


 69, 22.793,
349.921


 100, 22.793,
349.921


 59, 22.793,
349.921


 89, 22.793,
349.921

 49, 22.793,
349.921

 99, 22.793,
349.921

 39, 22.793,
349.921

 29, 22.793,
349.921

 19, 22.793,
349.921

 9, 22.793, 349.921

 0, 22.793, 349.921

69, 22.793,
349.921

69, 22.793,
349.921

64, 32.156,
351.145

74, 13.468,
348.852

59, 41.325,
352.574

80, 4.340, 347.847

85, 4.511, 167.207

55, 49.954,
354.287

91, 13.045,
166.384

51, 57.602,
356.394

96, 20.209,
166.991

48, 63.803,
359.037

96, 17.443,
183.425

46, 68.206, 2.392

97, 16.487,

44, 70.781, 6.616

198.411

44, 71.755, 9.021

Harmonies

Complementary

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



69, 22.793, 349.921



79, 21.840, 165.209

Rectangle

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



69, 22.793, 349.921



69, 22.793, 39.921



69, 22.793, 169.921



69, 22.793, 219.921

Sweetspot

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



69, 22.791, 349.923



95, 7.488, 348.079



68, 30.032, 312.470



50, 4.870, 348.140



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, 22.791, 349.923



81, 32.946, 350.576



69, 19.216, 26.608



40, 5.080, 348.308



35, 61.178, 8.184



4, 19.315, 357.713

Inverse Universe

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



69, 22.791, 349.923



81, 32.946, 350.576



78, 16.193, 204.755



40, 5.080, 348.308



35, 61.178, 8.184



4, 19.315, 357.713

Previews

White Background



This preview shows how the CIELCh color 69, 22.793, 349.921 looks on a white background.

Color Contrast Check

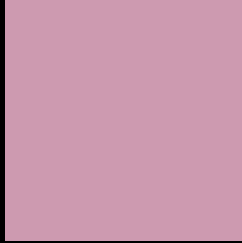
Large Text (above 18pt) WCAG AA × Fail

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, 22.793, 349.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

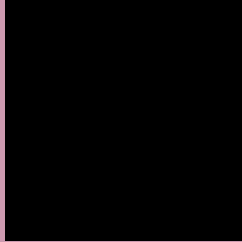
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 22.793, 349.921

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.793, 349.921.



This preview shows how white text looks on a background with the CIELCh color 69, 22.793, 349.921.

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, 22.793, 349.921

Protanopia
69, 8.790, 288.704

Deuteranopia
69, 8.769, 341.509



Tritanopia
69, 19.705, 1.989

Trichromacy



Original Color
69, 22.793, 349.921

Protanomaly
69, 11.993, 324.960

Deuteranomaly
69, 14.054, 344.975

Tritanomaly
69, 20.755, 356.631

Monochromacy



Original Color
69, 22.793, 349.921

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.126, 347.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.793, 349.921 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(205, 154, 176)` looks like.

```
.text, #text, p{  
    color:rgb(205, 154, 176)  
}
```

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(205, 154, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 154, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.793, 349.921 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(205, 154, 176) }
```

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

```
.border{ border-color:rgb(205, 154, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 154, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 154, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 154, 176);  
box-shadow:4px 4px 4px 4px rgb(205, 154,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.793, 349.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 154, 176) }
```

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

```
.background{ background-color: rgb(205,  
154, 176) }
```

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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