

Converting Colors

CIELCh(69, 23.237, 332.212)

Have a look what the booklet for
CIELCh(69, 23.237, 332.212)
contains.

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Color

CIELCh(69, 23.205, 332.545)

Conversions

Conversions Part 1

Format	Color
Hex	C59CBC
RGB	197, 156, 188
RGB Percent	77%, 61%, 74%
CMY	0.2269, 0.3877, 0.2622
CMYK	0.00, 0.21, 0.05, 0.23
HSL	313°, 26%, 69%
HSV	313°, 21%, 77%
XYZ	44.0619, 39.3444, 52.9231
YIQ	171.9070, 14.1640, 18.6440

Conversions

Conversions Part 2

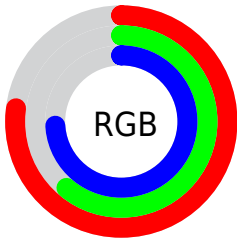
Format	Color
RYB	197, 156, 188
Decimal	12950716
CIELab	69.00, 20.59, -10.70
CIELCh	69, 23.205, 332.545
Yxy	39.3444, 0.3232, 0.2886
Android (android.graphics.Color)	4291140796 (0xFFC59CBC)
YUV	171.9070, 7.9338, 22.0066
Hunter-Lab	62.7251, 15.6202, -6.1173

Details

The CIELCh color $69, 23.205, 332.545$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 23.093, 149.748$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 22.960, 332.788$, and $49, 23.664, 332.404$ is the 20% darker color. If you saturate the color by 10%, you get $64, 34.345, 333.235$, and if you desaturate by 10%, it is $74, 11.991, 331.875$.

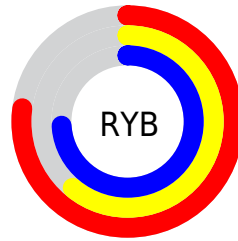
Distribution



Red (77%)

Green (61%)

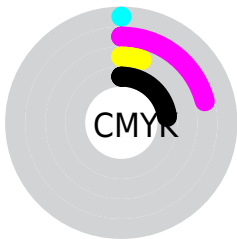
Blue (74%)



Red (77%)

Yellow (61%)

Blue (74%)

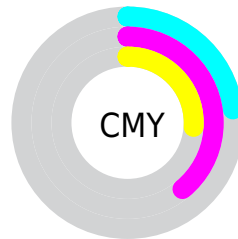


Cyan (0%)

Magenta (21%)

Yellow (5%)

Black (23%)



Cyan (23%)


Magenta (39%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 23.205, 332.545 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, 23.205, 332.545 by changing the saturation by 10% instead.


 69, 23.205,
332.545


 69, 23.205,
332.545


 100, 23.205,
332.545


 59, 23.205,
332.545


 89, 23.205,
332.545

 49, 23.205,
332.545

 99, 23.205,
332.545

 39, 23.205,
332.545

 29, 23.205,
332.545

 19, 23.205,
332.545

 9, 23.205, 332.545

 0, 23.205, 332.545

69, 23.205,
332.545

69, 23.205,
332.545

64, 34.345,
333.235

74, 11.991,
331.875

60, 45.155,
333.951

79, 0.887, 330.921

84, 9.999, 150.702

56, 55.270,
334.698

90, 20.605,
150.114

52, 64.232,
335.486

95, 30.901,
149.566

49, 71.532,
336.333

95, 29.393,
152.265

47, 76.709,
337.267

95, 27.767,
155.323

45, 79.499,
338.329

95, 26.215,
158.736

45, 80.311,

339.432

 96, 24.755,
162.548

Harmonies

Complementary

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



69, 23.205, 332.545



76, 23.093, 149.748

Rectangle

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



69, 23.205, 332.545



69, 23.205, 22.545



69, 23.205, 152.545



69, 23.205, 202.545

Sweetspot

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



69, 23.203, 332.546



96, 8.184, 331.555



66, 23.015, 300.188



51, 5.431, 331.602



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, 23.203, 332.546



84, 34.389, 332.859



68, 17.063, 359.242



39, 6.336, 331.781



37, 69.961, 339.242



4, 22.061, 336.013

Inverse Universe

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



69, 23.203, 332.546



84, 34.389, 332.859



76, 16.010, 175.178



39, 6.336, 331.781



37, 69.961, 339.242



4, 22.061, 336.013

Previews

White Background



This preview shows how the CIELCh color 69, 23.205, 332.545 looks on a white background.

Color Contrast Check

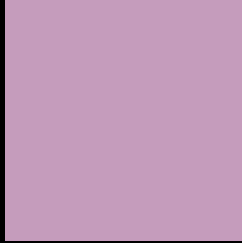
Large Text (above 18pt) WCAG AA × Fail

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, 23.205, 332.545 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, 23.205, 332.545

Background



This preview shows how black text looks on a background with the CIELCh color 69, 23.205, 332.545.



This preview shows how white text looks on a background with the CIELCh color 69, 23.205, 332.545.

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, 23.205, 332.545

Protanopia

69, 15.401, 287.805

Deuteranopia

69, 13.568, 311.828



Tritanopia
69, 15.291, 355.498

Trichromacy



Original Color
69, 23.205, 332.545

Protanomaly
69, 17.227, 307.471

Deuteranomaly
69, 16.671, 321.925

Tritanomaly
69, 17.761, 345.324

Monochromacy



Original Color
69, 23.205, 332.545

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.690, 331.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 23.205, 332.545 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(197, 156, 188)` looks like.

```
.text, #text, p{  
    color:rgb(197, 156, 188)  
}
```

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(197, 156, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 156, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 23.205, 332.545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

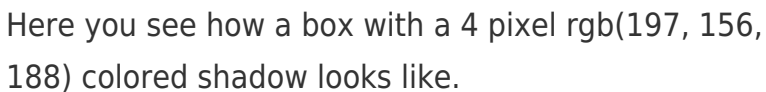
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 156, 188) }
```

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

```
.border{ border-color:rgb(197, 156, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 156, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 156, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 156, 188); box-shadow:4px 4px 4px 4px rgb(197, 156, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 23.205, 332.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 156, 188) }
```

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

```
.background{ background-color: rgb(197,  
156, 188) }
```

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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