

Converting Colors

CIELCh(69, 24.625, 336.084)

Have a look what the booklet for
CIELCh(69, 24.625, 336.084)
contains.

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Color

CIELCh(69, 24.458, 336.075)

Conversions

Conversions Part 1

Format	Color
Hex	C99BBB
RGB	201, 155, 187
RGB Percent	79%, 61%, 73%
CMY	0.2126, 0.3929, 0.2675
CMYK	0.00, 0.23, 0.07, 0.21
HSL	318°, 30%, 70%
HSV	318°, 23%, 79%
XYZ	44.6675, 39.3444, 52.1395
YIQ	172.4020, 17.1440, 19.7040

Conversions

Conversions Part 2

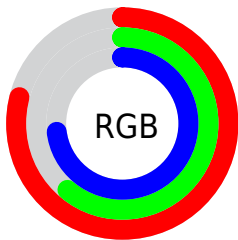
Format	Color
R _Y B	201, 155, 187
Decimal	13212603
CIE Lab	69.00, 22.36, -9.92
CIE LCh	69, 24.458, 336.075
Yxy	39.3444, 0.3281, 0.2890
Android (android.graphics.Color)	4291402683 (0xFFC99BBB)
YUV	172.4020, 7.1968, 25.0804
Hunter-Lab	62.7251, 17.3437, -5.3765

Details

The CIELCh color **69, 24.458, 336.075** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **77, 24.230, 152.709**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 23.448, 334.158**, and **49, 24.690, 335.463** is the 20% darker color. If you saturate the color by 10%, you get **64, 35.114, 336.870**, and if you desaturate by 10%, it is **74, 13.711, 335.326**.

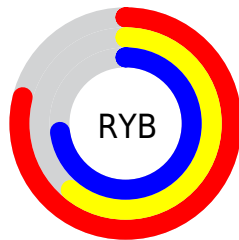
Distribution



Red (79%)

Green (61%)

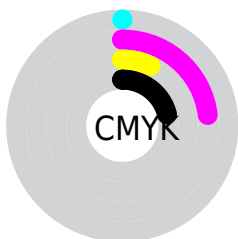
Blue (73%)



Red (79%)

Yellow (61%)

Blue (73%)

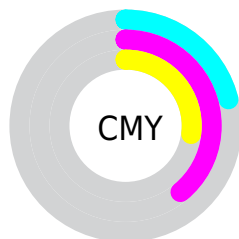


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (21%)



Cyan (21%)


Magenta (39%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 24.458, 336.075 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, 24.458, 336.075 by changing the saturation by 10% instead.


 69, 24.458,
336.075


 69, 24.458,
336.075


 100, 24.458,
336.075


 59, 24.458,
336.075


 89, 24.458,
336.075

 49, 24.458,
336.075

 99, 24.458,
336.075

 39, 24.458,
336.075

 29, 24.458,
336.075

 19, 24.458,
336.075

 9, 24.458, 336.075

 0, 24.458, 336.075

69, 24.458,
336.075

69, 24.458,
336.075

64, 35.114,
336.870

74, 13.711,
335.326

60, 45.412,
337.724

79, 3.063, 334.546

55, 54.973,
338.656

85, 7.376, 154.051

52, 63.322,
339.694

90, 17.541,
153.410

49, 69.940,
340.881

96, 27.281,
152.875

47, 74.382,
342.280

96, 25.035,
157.712


45, 76.435,
343.967

96, 22.974,
163.423

45, 76.808,

96, 21.157,
170.149

345.334

 96, 19.656,
177.986

Harmonies

Complementary

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



69, 24.458, 336.075



77, 24.230, 152.709

Rectangle

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



69, 24.458, 336.075



69, 24.458, 26.075



69, 24.458, 156.075



69, 24.458, 206.075

Sweetspot

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



69, 24.456, 336.076



95, 8.992, 334.898



67, 26.037, 303.283



50, 5.845, 334.944



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, 24.456, 336.076



83, 35.022, 336.425



68, 18.625, 5.615



39, 5.964, 335.067



36, 66.041, 344.997



4, 20.489, 340.844

Inverse Universe

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



69, 24.456, 336.076



83, 35.022, 336.425



78, 16.972, 181.185



39, 5.964, 335.067



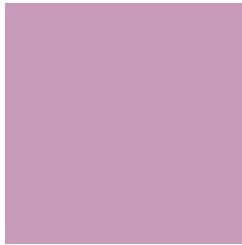
36, 66.041, 344.997



4, 20.489, 340.844

Previews

White Background



This preview shows how the CIELCh color 69, 24.458, 336.075 looks on a white background.

Color Contrast Check

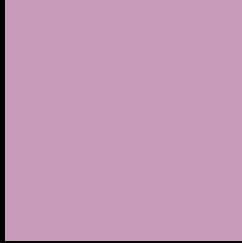
Large Text (above 18pt) WCAG AA × Fail

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, 24.458, 336.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

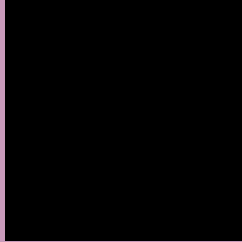
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 24.458, 336.075

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.458, 336.075.



This preview shows how white text looks on a background with the CIELCh color 69, 24.458, 336.075.

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, 24.458, 336.075

Protanopia

69, 15.401, 287.805

Deuteranopia

69, 12.550, 313.575



Tritanopia
69, 17.093, 358.559

Trichromacy



Original Color
69, 24.458, 336.075

Protanomaly
69, 16.805, 309.159

Deuteranomaly
69, 16.602, 325.157

Tritanomaly
69, 19.360, 348.906

Monochromacy



Original Color
69, 24.458, 336.075

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.547, 335.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.458, 336.075 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(201, 155, 187)` looks like.

```
.text, #text, p{  
    color:rgb(201, 155, 187)  
}
```

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(201, 155, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 155, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.458, 336.075 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(201, 155, 187) }
```

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

```
.border{ border-color:rgb(201, 155, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 155, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 155, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 155, 187);  
box-shadow:4px 4px 4px 4px rgb(201, 155,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.458, 336.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 155, 187) }
```

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

```
.background{ background-color: rgb(201,  
155, 187) }
```

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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