

Converting Colors

CIELCh(69, 24.353, 317.807)

Have a look what the booklet for
CIELCh(69, 24.353, 317.807)
contains.

CIELCh(69, 24.578, 318.155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 24.578, 318.155)

Conversions

Conversions Part 1

Format	Color
Hex	BC9EC6
RGB	188, 158, 198
RGB Percent	74%, 62%, 78%
CMY	0.2618, 0.3795, 0.2226
CMYK	0.05, 0.20, 0.00, 0.22
HSL	285°, 26%, 70%
HSV	285°, 20%, 78%
XYZ	43.2869, 39.3444, 58.8869
YIQ	171.5300, 5.0400, 18.8000

Conversions

Conversions Part 2

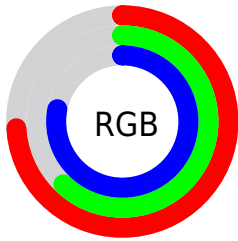
Format	Color
RYB	188, 158, 198
Decimal	12361414
CIELab	69.00, 18.31, -16.40
CIELCh	69, 24.578, 318.155
Yxy	39.3444, 0.3059, 0.2780
Android (android.graphics.Color)	4290551494 (0xFFBC9EC6)
YUV	171.5300, 13.0497, 14.4442
Hunter-Lab	62.7251, 13.4149, -11.7544

Details

The CIELCh color $69, 24.578, 318.155$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 24.276, 136.351$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 24.466, 317.630$, and $49, 24.774, 317.988$ is the 20% darker color. If you saturate the color by 10%, you get $64, 36.955, 318.592$, and if you desaturate by 10%, it is $74, 12.293, 317.711$.

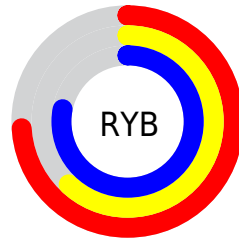
Distribution



Red (74%)

Green (62%)

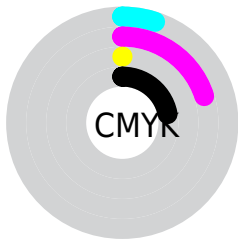
Blue (78%)



Red (74%)

Yellow (62%)

Blue (78%)

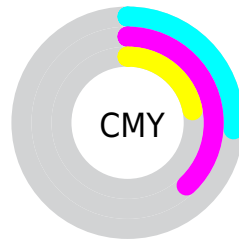


Cyan (5%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (26%)


Magenta (38%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 24.578, 318.155 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, 24.578, 318.155 by changing the saturation by 10% instead.


 69, 24.578,
318.155


 69, 24.578,
318.155


 100, 24.578,
318.155


 59, 24.578,
318.155


 89, 24.578,
318.155

 49, 24.578,
318.155

 99, 24.578,
318.155

 39, 24.578,
318.155

 29, 24.578,
318.155

 19, 24.578,
318.155

 9, 24.578, 318.155

 0, 24.578, 318.155

69, 24.578,
318.155

69, 24.578,
318.155

64, 36.955,
318.592

74, 12.293,
317.711

59, 49.238,
319.006

80, 0.225, 316.442

54, 61.133,
319.371

85, 11.561,
136.917

50, 72.224,
319.648

91, 23.028,
136.532

46, 81.976,
319.791

96, 32.751,
135.910

43, 89.790,
319.744

96, 31.917,
133.196


40, 95.155,
319.455

97, 31.155,
130.305

39, 98.221,

97, 30.475,
127.239

318.950

 97, 29.887,
124.006

Harmonies

Complementary

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



69, 24.578, 318.155



77, 24.276, 136.351

Rectangle

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



69, 24.578, 318.155



69, 24.578, 8.155



69, 24.578, 138.155



69, 24.578, 188.155

Sweetspot

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



69, 24.576, 318.155



96, 8.854, 317.525



69, 16.746, 279.953



51, 5.876, 317.556



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, 24.576, 318.155



84, 35.953, 318.339



70, 22.134, 333.664



39, 6.860, 317.676



31, 84.968, 319.068



3, 23.972, 316.155

Inverse Universe

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



69, 16.398, 1.566



84, 24.127, 2.090



76, 22.006, 150.888



39, 4.510, 0.342



34, 64.243, 24.889



4, 16.335, 6.677

Previews

White Background



This preview shows how the CIELCh color 69, 24.578, 318.155 looks on a white background.

Color Contrast Check

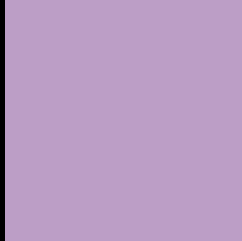
Large Text (above 18pt) WCAG AA × Fail

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, 24.578, 318.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

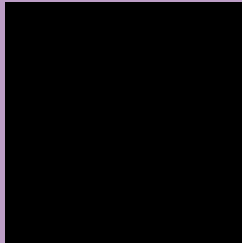
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 24.578, 318.155

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.578, 318.155.



This preview shows how white text looks on a background with the CIELCh color 69, 24.578, 318.155.

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, 24.578, 318.155

Protanopia
69, 20.408, 285.507

Deuteranopia
69, 18.377, 299.685



Tritanopia
69, 11.274, 341.242

Trichromacy



Original Color
69, 24.578, 318.155

Protanomaly
69, 21.058, 297.920

Deuteranomaly
69, 20.073, 307.429

Tritanomaly
69, 15.291, 328.650

Monochromacy



Original Color
69, 24.578, 318.155

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 9.224, 317.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.578, 318.155 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(188, 158, 198)` looks like.

```
.text, #text, p{  
    color:rgb(188, 158, 198)  
}
```

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(188, 158, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 158, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.578, 318.155 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(188, 158, 198) }
```

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

```
.border{ border-color:rgb(188, 158, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 158, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 158, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 158, 198);  
box-shadow:4px 4px 4px 4px rgb(188, 158,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.578, 318.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 158, 198) }
```

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

```
.background{ background-color: rgb(188,  
158, 198) }
```

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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