

Converting Colors

CIELCh(69, 23.934, 325.472)

Have a look what the booklet for
CIELCh(69, 23.934, 325.472)
contains.

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Color

CIELCh(69, 23.784, 325.446)

Conversions

Conversions Part 1

Format	Color
Hex	C19DC1
RGB	193, 157, 193
RGB Percent	76%, 62%, 76%
CMY	0.2428, 0.3840, 0.2428
CMYK	0.00, 0.19, 0.00, 0.24
HSL	300°, 23%, 69%
HSV	300°, 19%, 76%
XYZ	43.7201, 39.3444, 55.7916
YIQ	171.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

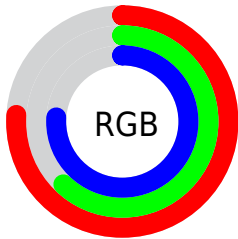
Format	Color
R_{YB}	193, 157, 193
Decimal	12688833
CIE _{Lab}	69.00, 19.59, -13.49
CIE _{LCh}	69, 23.784, 325.446
Yxy	39.3444, 0.3149, 0.2833
Android (android.graphics.Color)	4290878913 (0xFFC19DC1)
YUV	171.8680, 10.4181, 18.5328
Hunter-Lab	62.7251, 14.6475, -8.8286

Details

The CIELCh color $69, 23.784, 325.446$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 23.763, 143.275$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 23.470, 325.986$, and $49, 23.872, 325.727$ is the 20% darker color. If you saturate the color by 10%, you get $64, 36.514, 325.984$, and if you desaturate by 10%, it is $74, 10.981, 324.890$.

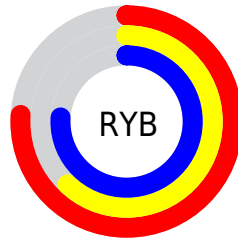
Distribution



Red (76%)

Green (62%)

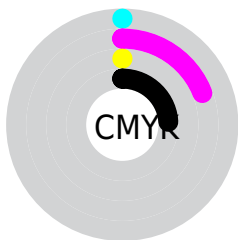
Blue (76%)



Red (76%)

Yellow (62%)

Blue (76%)

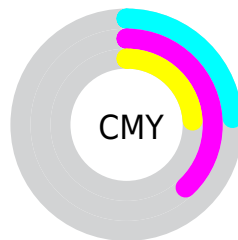


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 23.784, 325.446 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, 23.784, 325.446 by changing the saturation by 10% instead.

 69, 23.784,
325.446

 69, 23.784,
325.446

 100, 23.784,
325.446

 59, 23.784,
325.446

 89, 23.784,
325.446

 49, 23.784,
325.446

 99, 23.784,
325.446

 39, 23.784,
325.446

 29, 23.784,
325.446

 19, 23.784,
325.446

 9, 23.784, 325.446

 0, 23.784, 325.446

69, 23.784,
325.446

69, 23.784,
325.446

64, 36.514,
325.984

74, 10.981,
324.890

60, 48.903,
326.496

79, 1.697, 144.519

56, 60.580,
326.967

84, 14.129,
143.858

53, 71.095,
327.381

89, 26.241,
143.336

50, 79.960,
327.721

94, 37.993,
142.842

48, 86.740,
327.976

95, 38.812,
142.808


47, 91.180,
328.140


95, 38.812,
142.809

46, 93.487,

95, 38.812,
142.809

328.224

 95, 38.811,
142.809

 46, 93.746,
328.234

Harmonies

Complementary

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



69, 23.784, 325.446



75, 23.763, 143.275

Rectangle

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



69, 23.784, 325.446



69, 23.784, 15.446



69, 23.784, 145.446



69, 23.784, 195.446

Sweetspot

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



69, 23.782, 325.446



95, 9.383, 324.741



66, 19.988, 292.243



50, 6.225, 324.780



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 23.782, 325.446



85, 34.614, 325.647



68, 16.862, 345.250



38, 7.225, 324.931



38, 81.804, 328.234



4, 24.213, 326.360

Inverse Universe

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



69, 23.782, 325.446



85, 34.614, 325.647



75, 16.475, 162.052



38, 7.225, 324.931



38, 81.804, 328.234



4, 24.213, 326.360

Previews

White Background



This preview shows how the CIELCh color 69, 23.784, 325.446 looks on a white background.

Color Contrast Check

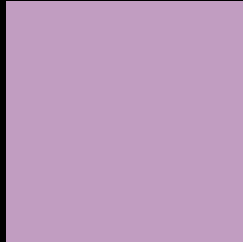
Large Text (above 18pt) WCAG AA × Fail

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, 23.784, 325.446 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, 23.784, 325.446

Background



This preview shows how black text looks on a background with the CIELCh color 69, 23.784, 325.446.




This preview shows how white text looks on a background with the CIELCh color 69, 23.784, 325.446.

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





Tritanopia
69, 12.869, 349.950

Trichromacy



Original Color
69, 23.784, 325.446

Protanomaly
69, 19.115, 302.665

Deuteranomaly
69, 18.612, 314.641

Tritanomaly
69, 16.016, 337.760

Monochromacy



Original Color
69, 23.784, 325.446

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.657, 324.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 23.784, 325.446 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(193, 157, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 157, 193)  
}
```

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(193, 157, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 157, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 23.784, 325.446 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(193, 157, 193) }
```

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

```
.border{ border-color:rgb(193, 157, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 157, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 157, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 157, 193);  
box-shadow:4px 4px 4px 4px rgb(193, 157,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 23.784, 325.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 157, 193) }
```

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

```
.background{ background-color: rgb(193,  
157, 193) }
```

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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