

Converting Colors

CIELCh(69, 21.963, 323.441)

Have a look what the booklet for
CIELCh(69, 21.963, 323.441)
contains.

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Color

CIELCh(69, 22.094, 323.743)

Conversions

Conversions Part 1

Format	Color
Hex	BE9EC0
RGB	190, 158, 192
RGB Percent	75%, 62%, 75%
CMY	0.2538, 0.3793, 0.2460
CMYK	0.01, 0.18, 0.00, 0.25
HSL	296°, 21%, 69%
HSV	296°, 18%, 75%
XYZ	43.1206, 39.3444, 55.3501
YIQ	171.4440, 8.1580, 17.3580

Conversions

Conversions Part 2

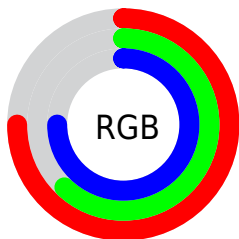
Format	Color
R _Y B	190, 158, 192
Decimal	12492480
CIE Lab	69.00, 17.82, -13.07
CIE LCh	69, 22.094, 323.743
Yxy	39.3444, 0.3129, 0.2855
Android (android.graphics.Color)	4290682560 (0xFFBE9EC0)
YUV	171.4440, 10.1341, 16.2736
Hunter-Lab	62.7251, 12.9415, -8.4113

Details

The CIELCh color $69, 22.094, 323.743$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 22.031, 141.848$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 21.840, 324.419$, and $49, 22.589, 323.089$ is the 20% darker color. If you saturate the color by 10%, you get $64, 34.631, 324.246$, and if you desaturate by 10%, it is $74, 9.549, 323.222$.

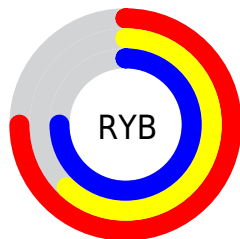
Distribution



Red (75%)

Green (62%)

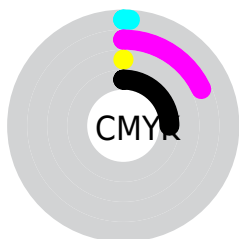
Blue (75%)



Red (75%)

Yellow (62%)

Blue (75%)

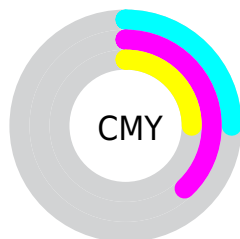


Cyan (1%)

Magenta (18%)

Yellow (0%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 22.094, 323.743 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, 22.094, 323.743 by changing the saturation by 10% instead.


 69, 22.094,
323.743

 69, 22.094,
323.743

 100, 22.094,
323.743

 59, 22.094,
323.743

 89, 22.094,
323.743

 49, 22.094,
323.743

 99, 22.094,
323.743

 39, 22.094,
323.743

 29, 22.094,
323.743

 19, 22.094,
323.743

 9, 22.094, 323.743

 0, 22.094, 323.743

69, 22.094,
323.743

69, 22.094,
323.743

64, 34.631,
324.246

74, 9.549, 323.222

60, 46.924,
324.724

79, 2.837, 142.828

56, 58.638,
325.158

84, 14.963,
142.272

52, 69.342,
325.528

89, 26.770,
141.795

49, 78.544,
325.810

95, 38.230,
141.347

47, 85.761,
325.981

95, 38.361,
140.890


45, 90.655,
326.027


95, 38.139,
140.424

44, 93.278,

95, 37.919,
139.951

325.949

 95, 37.701,
139.470

 44, 93.759,
325.924

Harmonies

Complementary

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



69, 22.094, 323.743



75, 22.031, 141.848

Rectangle

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



69, 22.094, 323.743



69, 22.094, 13.743



69, 22.094, 143.743



69, 22.094, 193.743

Sweetspot

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



69, 22.092, 323.743



95, 7.672, 323.078



67, 17.564, 289.398



50, 5.235, 323.118



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, 22.092, 323.743



85, 32.488, 323.929



69, 16.642, 341.628



38, 7.096, 323.312



36, 82.068, 325.955



4, 23.489, 323.802

Inverse Universe

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



68, 13.388, 15.955



84, 19.917, 16.341



75, 16.380, 158.794



38, 4.194, 15.162



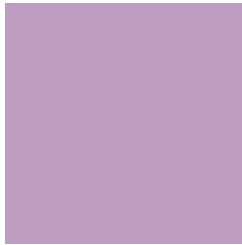
33, 71.444, 37.303



3, 14.032, 16.194

Previews

White Background



This preview shows how the CIELCh color 69, 22.094, 323.743 looks on a white background.

Color Contrast Check

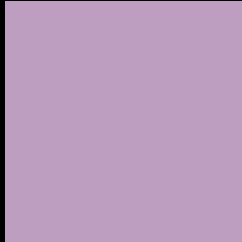
Large Text (above 18pt) WCAG AA × Fail

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, 22.094, 323.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

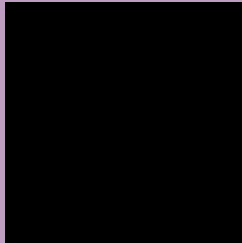
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 22.094, 323.743

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.094, 323.743.



This preview shows how white text looks on a background with the CIELCh color 69, 22.094, 323.743.

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, 22.094, 323.743

Protanopia

69, 17.060, 287.212

Deuteranopia

69, 15.343, 305.177



Tritanopia
69, 12.504, 345.871

Trichromacy



Original Color
69, 22.094, 323.743

Protanomaly
69, 17.951, 302.138

Deuteranomaly
69, 17.312, 313.799

Tritanomaly
69, 15.862, 334.338

Monochromacy



Original Color
69, 22.094, 323.743

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.997, 324.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.094, 323.743 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(190, 158, 192)` looks like.

```
.text, #text, p{  
    color:rgb(190, 158, 192)  
}
```

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(190, 158, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 158, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.094, 323.743 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(190, 158, 192) }
```

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

```
.border{ border-color:rgb(190, 158, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 158, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 158, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 158, 192);  
box-shadow:4px 4px 4px 4px rgb(190, 158,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.094, 323.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 158, 192) }
```

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

```
.background{ background-color: rgb(190,  
158, 192) }
```

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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