

Converting Colors

CIELCh(69, 12.744, 332.904)

Have a look what the booklet for
CIELCh(69, 12.744, 332.904)
contains.

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Color

CIELCh(69, 12.743, 333.541)

Conversions

Conversions Part 1

Format	Color
Hex	B9A2B3
RGB	185, 162, 179
RGB Percent	73%, 64%, 70%
CMY	0.2750, 0.3652, 0.2985
CMYK	0.00, 0.12, 0.03, 0.28
HSL	316°, 14%, 68%
HSV	316°, 12%, 72%
XYZ	40.9988, 39.3444, 48.0138
YIQ	170.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

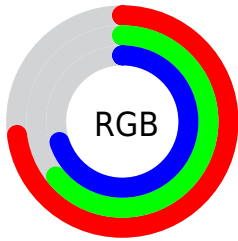
Format	Color
R_{YB}	185, 162, 179
Decimal	12165811
CIE _{Lab}	69.00, 11.41, -5.68
CIE _{LCh}	69, 12.743, 333.541
Yxy	39.3444, 0.3194, 0.3065
Android (android.graphics.Color)	4290355891 (0xFFB9A2B3)
YUV	170.8150, 4.0352, 12.4402
Hunter-Lab	62.7251, 6.9034, -1.4768

Details

The CIELCh color $69, 12.743, 333.541$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 12.681, 151.920$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 12.732, 332.963$, and $49, 12.887, 334.273$ is the 20% darker color. If you saturate the color by 10%, you get $64, 23.087, 334.246$, and if you desaturate by 10%, it is $74, 2.482, 332.785$.

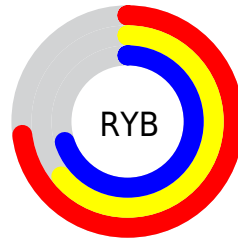
Distribution



Red (73%)

Green (64%)

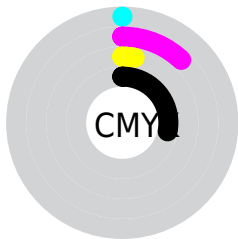
Blue (70%)



Red (73%)

Yellow (64%)

Blue (70%)

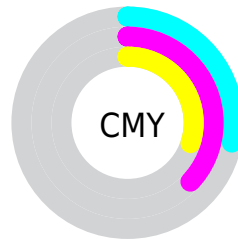


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (28%)



Cyan (28%)


Magenta (37%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 12.743, 333.541 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, 12.743, 333.541 by changing the saturation by 10% instead.


 69, 12.743,
333.541


 69, 12.743,
333.541


 100, 12.743,
333.541


 59, 12.743,
333.541


 89, 12.743,
333.541

 49, 12.743,
333.541

 99, 12.743,
333.541

 39, 12.743,
333.541

 29, 12.743,
333.541

 19, 12.743,
333.541

 9, 12.743, 333.541

 0, 12.743, 333.541

69, 12.743,
333.541

69, 12.743,
333.541

64, 23.087,
334.246

74, 2.482, 332.785

60, 33.349,
334.981

79, 7.582, 152.326

55, 43.273,
335.757

84, 17.390,
151.712

52, 52.508,
336.585

89, 26.913,
151.147

48, 60.618,
337.484

94, 36.141,
150.617

45, 67.123,
338.482

94, 34.684,
153.150


43, 71.599,
339.622


95, 32.886,
156.073

42, 73.828,

95, 31.165,
159.310

340.961

 95, 29.537,
162.898

 41, 74.400,
342.101

Harmonies

Complementary

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



69, 12.743, 333.541



73, 12.681, 151.920

Rectangle

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



69, 12.743, 333.541



69, 12.743, 23.541



69, 12.743, 153.541



69, 12.743, 203.541

Sweetspot

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



69, 12.741, 333.542



92, 5.031, 332.939



68, 12.903, 300.725



49, 3.575, 332.999



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 12.741, 333.542



86, 19.007, 333.738



69, 9.386, 0.668



36, 5.758, 333.326



35, 65.642, 341.866



3, 14.548, 337.161

Inverse Universe

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



69, 12.741, 333.542



86, 19.007, 333.738



73, 9.002, 178.433



36, 5.758, 333.326



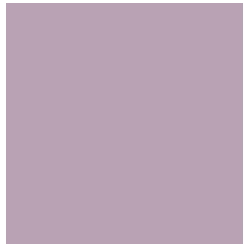
35, 65.642, 341.866



3, 14.548, 337.161

Previews

White Background



This preview shows how the CIELCh color 69, 12.743, 333.541 looks on a white background.

Color Contrast Check

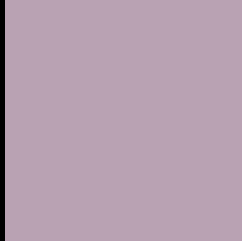
Large Text (above 18pt) WCAG AA × Fail

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, 12.743, 333.541 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, 12.743, 333.541

Background



This preview shows how black text looks on a background with the CIELCh color 69, 12.743, 333.541.



This preview shows how white text looks on a background with the CIELCh color 69, 12.743, 333.541.

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, 12.743, 333.541

Protanopia

69, 8.248, 291.015

Deuteranopia

69, 10.221, 326.635



Tritanopia
69, 10.984, 339.940

Trichromacy



Original Color
69, 12.743, 333.541

Protanomaly
69, 9.323, 309.446

Deuteranomaly
69, 11.344, 329.697

Tritanomaly
69, 11.339, 337.818

Monochromacy



Original Color
69, 12.743, 333.541

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.484, 332.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 12.743, 333.541 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(185, 162, 179)` looks like.

```
.text, #text, p{  
    color:rgb(185, 162, 179)  
}
```

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(185, 162, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 162, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 12.743, 333.541 is called "border". The border property can be set on classes, ids or directly on the HTML element.

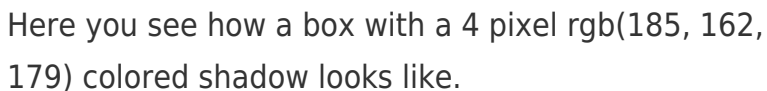
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 162, 179) }
```

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

```
.border{ border-color:rgb(185, 162, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 162, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 162, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 162, 179); box-shadow:4px 4px 4px 4px rgb(185, 162, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 12.743, 333.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 162, 179) }
```

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

```
.background{ background-color: rgb(185,  
162, 179) }
```

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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