

Converting Colors

CIELCh(69, 38.290, 327.679)

Have a look what the booklet for
CIELCh(69, 38.290, 327.679)
contains.

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Color

CIELCh(69, 38.566, 327.889)

Conversions

Conversions Part 1

Format	Color
Hex	D294CE
RGB	210, 148, 206
RGB Percent	82%, 58%, 81%
CMY	0.1764, 0.4195, 0.1921
CMYK	0.00, 0.30, 0.02, 0.18
HSL	304°, 41%, 70%
HSV	304°, 30%, 82%
XYZ	48.3165, 39.3444, 63.4490
YIQ	173.1500, 18.3340, 31.1820

Conversions

Conversions Part 2

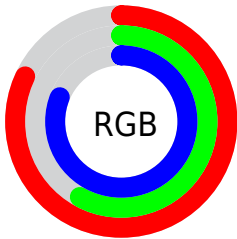
Format	Color
R_{YB}	210, 148, 206
Decimal	13800654
CIE _{Lab}	69.00, 32.67, -20.50
CIE _{LCh}	69, 38.566, 327.889
Yxy	39.3444, 0.3197, 0.2604
Android (android.graphics.Color)	4291990734 (0xFFD294CE)
YUV	173.1500, 16.1950, 32.3174
Hunter-Lab	62.7251, 27.7278, -16.0666

Details

The CIELCh color $69, 38.566, 327.889$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 38.548, 144.129$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 32.611, 325.559$, and $49, 38.977, 327.905$ is the 20% darker color. If you saturate the color by 10%, you get $64, 51.222, 328.446$, and if you desaturate by 10%, it is $74, 25.524, 327.318$.

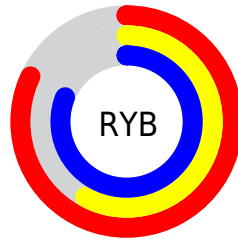
Distribution



Red (82%)

Green (58%)

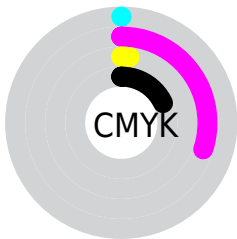
Blue (81%)



Red (82%)

Yellow (58%)

Blue (81%)

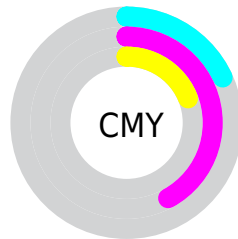


Cyan (0%)

Magenta (30%)

Yellow (2%)

Black (18%)



Cyan (18%)


Magenta (42%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 38.566, 327.889 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, 38.566, 327.889 by changing the saturation by 10% instead.

 69, 38.566,
327.889


 69, 38.566,
327.889


 100, 38.566,
327.889


 59, 38.566,
327.889


 89, 38.566,
327.889

 49, 38.566,
327.889

 99, 38.566,
327.889

 39, 38.566,
327.889

 29, 38.566,
327.889

 19, 38.566,
327.889

 9, 38.566, 327.889

 0, 38.566, 327.889

69, 38.566,
327.889

69, 38.566,
327.889

64, 51.222,
328.446

74, 25.524,
327.318

60, 63.101,
328.977

79, 12.398,
326.737

57, 73.710,
329.471

84, 0.610, 146.663

54, 82.517,
329.920

90, 13.370,
145.672

51, 89.049,
330.319

95, 25.804,
145.134

50, 93.044,
330.670

96, 26.446,
145.875


49, 94.795,
330.988

96, 25.889,
146.780

49, 94.862,

96, 25.337,
147.724

331.003

 96, 24.792,
148.707

Harmonies

Complementary

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



69, 38.566, 327.889



79, 38.548, 144.129

Rectangle

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



69, 38.566, 327.889



69, 38.566, 17.889



69, 38.566, 147.889



69, 38.566, 197.889

Sweetspot

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



69, 38.564, 327.889



94, 13.716, 326.712



64, 34.700, 295.435



49, 9.539, 326.799



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, 38.564, 327.889



79, 53.325, 328.218



68, 27.969, 349.329



41, 7.362, 326.730



39, 80.509, 330.958



5, 29.620, 330.010

Inverse Universe

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



69, 38.564, 327.889



79, 53.325, 328.218



79, 26.699, 163.628



41, 7.362, 326.730



39, 80.509, 330.958



5, 29.620, 330.010

Previews

White Background



This preview shows how the CIELCh color 69, 38.566, 327.889 looks on a white background.

Color Contrast Check

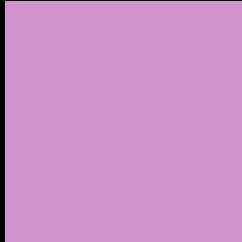
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 38.566, 327.889 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, 38.566, 327.889

Background



This preview shows how black text looks on a background with the CIELCh color 69, 38.566, 327.889.



This preview shows how white text looks on a background with the CIELCh color 69, 38.566, 327.889.

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, 20.475, 2.834

Trichromacy



Original Color
69, 38.566, 327.889

Protanomaly
69, 30.270, 302.702

Deuteranomaly
69, 26.273, 311.225

Tritanomaly
69, 26.016, 344.549

Monochromacy



Original Color
69, 38.566, 327.889

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 14.155, 326.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 38.566, 327.889 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(210, 148, 206)` looks like.

```
.text, #text, p{  
    color:rgb(210, 148, 206)  
}
```

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(210, 148, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 148, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 38.566, 327.889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

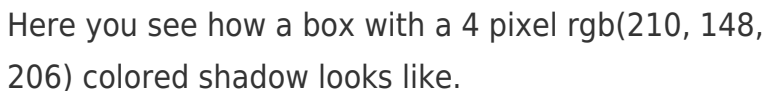
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 148, 206) }
```

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

```
.border{ border-color:rgb(210, 148, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 148, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 148, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 148, 206); box-shadow:4px 4px 4px 4px rgb(210, 148, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 38.566, 327.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 148, 206) }
```

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

```
.background{ background-color: rgb(210,  
148, 206) }
```

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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