

Converting Colors

CIELCh(69, 8.174, 319.107)

Have a look what the booklet for
CIELCh(69, 8.174, 319.107) contains.

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Color

CIELCh(69, 8.278, 320.479)

Conversions

Conversions Part 1

Format	Color
Hex	B0A5B2
RGB	176, 165, 178
RGB Percent	69%, 65%, 70%
CMY	0.3099, 0.3530, 0.3020
CMYK	0.01, 0.07, 0.00, 0.30
HSL	291°, 8%, 67%
HSV	291°, 7%, 70%
XYZ	39.3852, 39.3444, 47.6270
YIQ	169.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

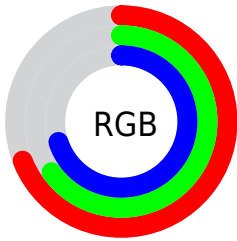
Format	Color
RYB	176, 165, 178
Decimal	11576754
CIELab	69.00, 6.39, -5.27
CIELCh	69, 8.278, 320.479
Yxy	39.3444, 0.3117, 0.3114
Android (android.graphics.Color)	4289766834 (0xFFB0A5B2)
YUV	169.7710, 4.0569, 5.4628
Hunter-Lab	62.7251, 2.3116, -1.1111

Details

The CIELCh color $69, 8.278, 320.479$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 8.241, 139.853$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 8.490, 320.740$, and $49, 8.134, 320.196$ is the 20% darker color. If you saturate the color by 10%, you get $64, 19.752, 320.950$, and if you desaturate by 10%, it is $74, 3.015, 140.121$.

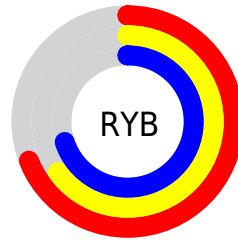
Distribution



Red (69%)

Green (65%)

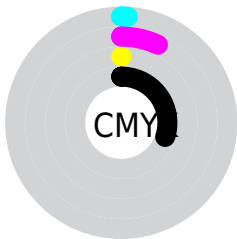
Blue (70%)



Red (69%)

Yellow (65%)

Blue (70%)

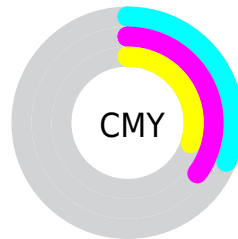


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (31%)

Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 8.278, 320.479 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, 8.278, 320.479 by changing the saturation by 10% instead.

■ 69, 8.278, 320.479

■ 69, 8.278, 320.479

■ 100, 8.278,
320.479

■ 59, 8.278, 320.479

■ 89, 8.278, 320.479

■ 49, 8.278, 320.479

■ 99, 8.278, 320.479

■ 39, 8.278, 320.479

■ 29, 8.278, 320.479

■ 19, 8.278, 320.479

■ 9, 8.278, 320.479

■ 0, 8.278, 320.479

■ 69, 8.278, 320.479

■ 69, 8.278, 320.479

■ 64, 19.752,

■ 74, 3.015, 140.121

320.950

79, 14.052,
139.637

60, 31.294,
321.408

84, 24.794,
139.222

55, 42.717,
321.844

89, 35.226,
138.836

51, 53.751,
322.236

94, 45.344,
138.478

47, 64.029,
322.557

94, 45.436,
137.546

44, 73.091,
322.773

94, 44.934,
136.547

41, 80.442,
322.847

95, 44.444,
135.516

39, 85.661,
322.745

95, 43.966,
134.453

38, 88.677,
322.457

Harmonies

Complementary

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



69, 8.278, 320.479



71, 8.241, 139.853

Rectangle

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



69, 8.278, 320.479



69, 8.278, 10.479



69, 8.278, 140.479



69, 8.278, 190.479

Sweetspot

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



69, 8.276, 320.478



91, 2.805, 320.177



69, 5.997, 283.180



49, 1.608, 320.167



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 8.276, 320.478



87, 12.674, 320.568



69, 6.860, 336.124



35, 6.444, 320.575



32, 79.909, 322.436



2, 15.187, 318.149

Inverse Universe

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



69, 5.097, 7.377



86, 7.836, 7.571



71, 6.823, 155.197



35, 3.986, 7.588



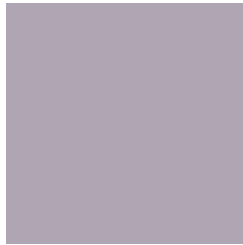
31, 64.909, 31.883



2, 9.312, 9.623

Previews

White Background



This preview shows how the CIELCh color 69, 8.278, 320.479 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, 8.278, 320.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

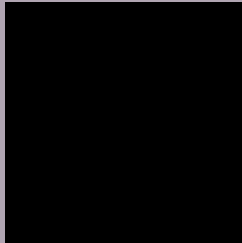
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

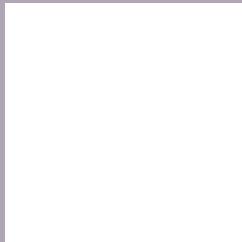
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 8.278, 320.479

Background



This preview shows how black text looks on a background with the CIELCh color 69, 8.278, 320.479.



This preview shows how white text looks on a background with the CIELCh color 69, 8.278, 320.479.

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, 8.278, 320.479

Protanopia

69, 6.616, 294.033

Deuteranopia

69, 10.455, 328.333



Tritanopia
69, 8.278, 320.479

Trichromacy



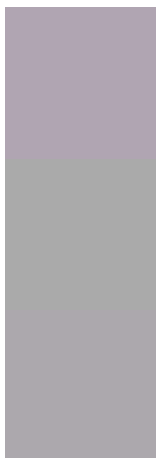
Original Color
69, 8.278, 320.479

Protanomaly
69, 7.412, 305.297

Deuteranomaly
69, 9.561, 326.726

Tritanomaly
69, 8.278, 320.479

Monochromacy



Original Color
69, 8.278, 320.479

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 3.149, 318.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 8.278, 320.479 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(176, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(176, 165, 178)  
}
```

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(176, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 165, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 8.278, 320.479 is called "border". The border property can be set on classes, ids or directly on the HTML element.

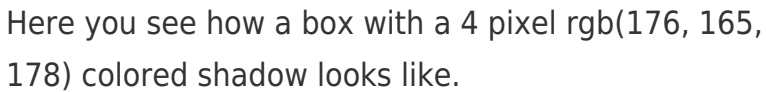
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 165, 178) }
```

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

```
.border{ border-color:rgb(176, 165, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 165, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 165, 178); box-shadow:4px 4px 4px 4px rgb(176, 165, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 8.278, 320.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 165, 178) }
```

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

```
.background{ background-color: rgb(176,  
165, 178) }
```

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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