

Converting Colors

CIELCh(69, 7.618, 320.075)

Have a look what the booklet for
CIELCh(69, 7.618, 320.075) contains.

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Color

CIELCh(69, 7.618, 320.075)

Conversions

Conversions Part 1

Format	Color
Hex	AFA5B1
RGB	175, 165, 177
RGB Percent	69%, 65%, 69%
CMY	0.3126, 0.3518, 0.3048
CMYK	0.01, 0.07, 0.00, 0.30
HSL	290°, 7%, 67%
HSV	290°, 7%, 70%
XYZ	39.2132, 39.3444, 47.2715
YIQ	169.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

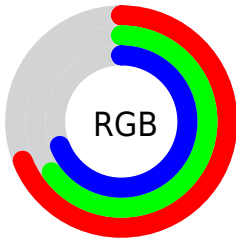
Format	Color
RYB	175, 165, 177
Decimal	11511217
CIELab	69.00, 5.84, -4.89
CIELCh	69, 7.618, 320.075
Yxy	39.3444, 0.3116, 0.3127
Android (android.graphics.Color)	4289701297 (0xFFAFA5B1)
YUV	169.3580, 3.7675, 4.9480
Hunter-Lab	62.7251, 1.8221, -0.7751

Details

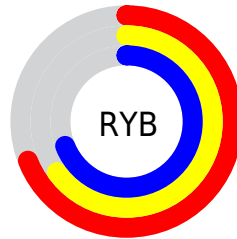
The CIELCh color $69, 7.618, 320.075$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 7.582, 139.511$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 7.862, 320.398$, and $49, 7.631, 322.363$ is the 20% darker color. If you saturate the color by 10%, you get $64, 19.010, 320.542$, and if you desaturate by 10%, it is $74, 3.585, 139.713$.

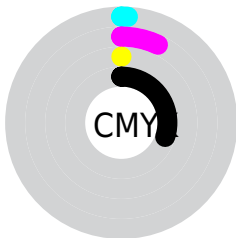
Distribution



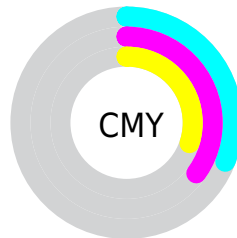
- Red (69%)
- Green (65%)
- Blue (69%)



- Red (69%)
- Yellow (65%)
- Blue (69%)



- 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, 7.618, 320.075 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, 7.618, 320.075 by changing the saturation by 10% instead.

■ 69, 7.618, 320.075

■ 69, 7.618, 320.075

■ 100, 7.618,
320.075

■ 59, 7.618, 320.075

■ 89, 7.618, 320.075

■ 49, 7.618, 320.075

■ 99, 7.618, 320.075

■ 39, 7.618, 320.075

■ 29, 7.618, 320.075

■ 19, 7.618, 320.075

■ 9, 7.618, 320.075

■ 0, 7.618, 320.075

■ 69, 7.618, 320.075

■ 69, 7.618, 320.075

■ 64, 19.010,

■ 74, 3.585, 139.713

320.542

79, 14.527,
139.247

60, 30.485,
320.996

84, 25.175,
138.841

55, 41.866,
321.430

89, 35.515,
138.463

51, 52.894,
321.822

94, 45.545,
138.115

47, 63.212,
322.143

94, 45.627,
137.110

44, 72.367,
322.360

94, 45.091,
136.027

41, 79.861,
322.433

95, 44.569,
134.907

39, 85.255,
322.325

95, 44.061,
133.750

37, 88.411,
322.020

Harmonies

Complementary

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



69, 7.618, 320.075



71, 7.582, 139.511

Rectangle

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



69, 7.618, 320.075



69, 7.618, 10.075



69, 7.618, 140.075



69, 7.618, 190.075

Sweetspot

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



69, 7.616, 320.074



90, 2.769, 319.802



69, 5.437, 282.182



48, 1.573, 319.792



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 7.616, 320.074



86, 11.115, 320.140



69, 6.413, 335.379



35, 6.421, 320.196



31, 80.036, 321.977



2, 15.113, 317.631

Inverse Universe

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



69, 4.721, 6.322



86, 6.908, 6.467



71, 6.381, 154.548



35, 4.000, 6.592



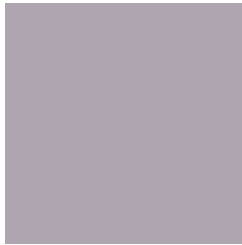
31, 64.366, 31.005



2, 9.338, 8.827

Previews

White Background



This preview shows how the CIELCh color 69, 7.618, 320.075 looks on a white background.

Color Contrast Check

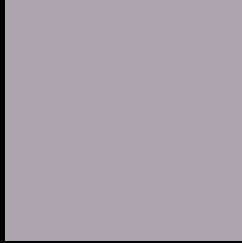
Large Text (above 18pt) WCAG AA × Fail

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, 7.618, 320.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

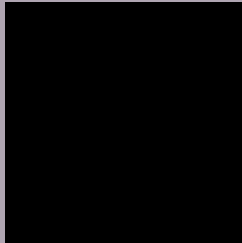
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

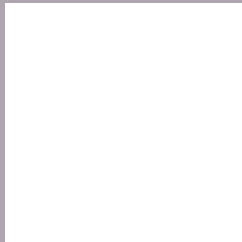
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 7.618, 320.075

Background



This preview shows how black text looks on a background with the CIELCh color 69, 7.618, 320.075.



This preview shows how white text looks on a background with the CIELCh color 69, 7.618, 320.075.

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, 7.618, 320.075

Protanopia

69, 6.616, 294.033

Deuteranopia

69, 10.688, 329.960



Tritanopia
69, 8.099, 318.171

Trichromacy



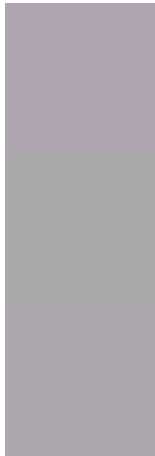
Original Color
69, 7.618, 320.075

Protanomaly
69, 6.882, 306.417

Deuteranomaly
69, 9.561, 326.726

Tritanomaly
69, 8.099, 318.171

Monochromacy



Original Color
69, 7.618, 320.075

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, 7.618, 320.075 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(175, 165, 177)` looks like.

```
.text, #text, p{  
    color:rgb(175, 165, 177)  
}
```

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(175, 165, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 165, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 7.618, 320.075 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(175, 165, 177) }
```

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

```
.border{ border-color:rgb(175, 165, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 165, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 165, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 165, 177);  
box-shadow:4px 4px 4px 4px rgb(175, 165,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 7.618, 320.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 165, 177) }
```

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

```
.background{ background-color: rgb(175,  
165, 177) }
```

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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