

Converting Colors

CIELCh(69, 8.104, 312.840)

Have a look what the booklet for
CIELCh(69, 8.104, 312.840) contains.

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Color

CIELCh(69, 7.773, 313.273)

Conversions

Conversions Part 1

Format	Color
Hex	AEA6B3
RGB	174, 166, 179
RGB Percent	68%, 65%, 70%
CMY	0.3190, 0.3504, 0.2994
CMYK	0.03, 0.07, 0.00, 0.30
HSL	277°, 8%, 68%
HSV	277°, 7%, 70%
XYZ	39.0510, 39.3444, 47.9966
YIQ	169.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

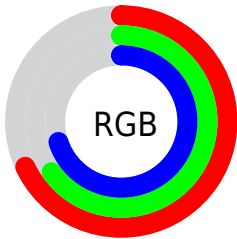
Format	Color
RYB	174, 166, 179
Decimal	11445939
CIELab	69.00, 5.33, -5.66
CIELCh	69, 7.773, 313.273
Yxy	39.3444, 0.3090, 0.3113
Android (android.graphics.Color)	4289636019 (0xFFAEA6B3)
YUV	169.8740, 4.4991, 3.6185
Hunter-Lab	62.7251, 1.3605, -1.4605

Details

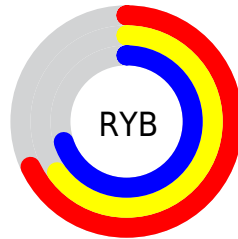
The CIELCh color $69, 7.773, 313.273$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 7.703, 132.711$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 7.862, 311.755$, and $49, 7.765, 315.032$ is the 20% darker color. If you saturate the color by 10%, you get $64, 18.671, 313.712$, and if you desaturate by 10%, it is $74, 2.864, 132.935$.

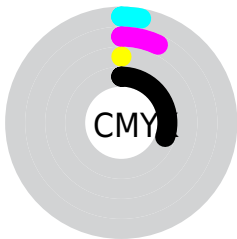
Distribution



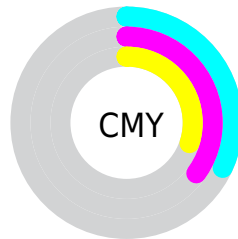
- Red (68%)
- Green (65%)
- Blue (70%)



- Red (68%)
- Yellow (65%)
- Blue (70%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (32%)
- Magenta (35%)
- Yellow (30%)
- Black (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 7.773, 313.273 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, 7.773, 313.273 by changing the saturation by 10% instead.

■ 69, 7.773, 313.273

■ 69, 7.773, 313.273

■ 100, 7.773,
313.273

■ 59, 7.773, 313.273

■ 89, 7.773, 313.273

■ 49, 7.773, 313.273

■ 99, 7.773, 313.273

■ 39, 7.773, 313.273

■ 29, 7.773, 313.273

■ 19, 7.773, 313.273

■ 9, 7.773, 313.273

■ 0, 7.773, 313.273

■ 69, 7.773, 313.273

■ 69, 7.773, 313.273

■ 64, 18.671,

■ 74, 2.864, 132.935

313.712

80, 13.205,
132.525

59, 29.777,
314.163

85, 23.245,
132.183

54, 40.982,
314.616

90, 32.984,
131.878

49, 52.105,
315.045

95, 42.432,
131.607

44, 62.855,
315.413

96, 41.411,
128.559

40, 72.806,
315.666

96, 40.498,
125.302

36, 81.389,
315.732

97, 39.723,
121.852

33, 87.970,
315.530

97, 39.103,
118.226

31, 92.191,
315.008

Harmonies

Complementary

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



69, 7.773, 313.273



72, 7.703, 132.711

Rectangle

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



69, 7.773, 313.273



69, 7.773, 3.273



69, 7.773, 133.273



69, 7.773, 183.273

Sweetspot

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



69, 7.771, 313.270



91, 2.633, 313.008



70, 4.648, 266.418



49, 1.509, 313.000



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, 7.771, 313.270



86, 11.921, 313.353



69, 8.090, 327.654



35, 6.062, 313.361



26, 83.061, 314.990



2, 14.153, 309.214

Inverse Universe

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



69, 5.662, 350.943



86, 8.694, 351.136



72, 8.071, 146.872



35, 4.421, 351.153



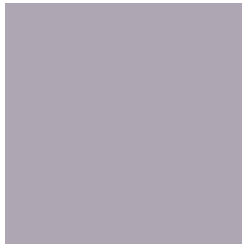
32, 57.990, 12.291



2, 10.023, 356.158

Previews

White Background



This preview shows how the CIELCh color 69, 7.773, 313.273 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, 7.773, 313.273 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, 7.773, 313.273

Background



This preview shows how black text looks on a background with the CIELCh color 69, 7.773, 313.273.

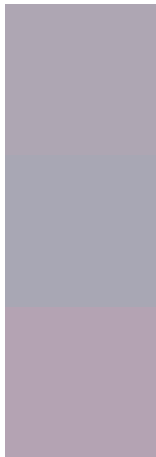


This preview shows how white text looks on a background with the CIELCh color 69, 7.773, 313.273.

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, 7.773, 313.273

Protanopia

69, 7.164, 293.836

Deuteranopia

69, 10.890, 326.561



Tritanopia
69, 7.773, 313.273

Trichromacy



Original Color
69, 7.773, 313.273

Protanomaly
69, 7.249, 299.645

Deuteranomaly
69, 9.802, 323.037

Tritanomaly
69, 7.773, 313.273

Monochromacy



Original Color
69, 7.773, 313.273

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 2.985, 312.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 7.773, 313.273 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(174, 166, 179)` looks like.

```
.text, #text, p{  
    color:rgb(174, 166, 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(174, 166, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 166, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 7.773, 313.273 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(174, 166, 179) }
```

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

```
.border{ border-color:rgb(174, 166, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 166, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 166, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 166, 179); box-shadow:4px 4px 4px 4px rgb(174, 166, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 7.773, 313.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 166, 179) }
```

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

```
.background{ background-color: rgb(174,  
166, 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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