

Converting Colors

CIELCh(70, 3.150, 354.533)

Have a look what the booklet for
CIELCh(70, 3.150, 354.533) contains.

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Color

CIELCh(70, 3.457, 351.260)

Conversions

Conversions Part 1

Format	Color
Hex	B1A9AC
RGB	177, 169, 172
RGB Percent	69%, 66%, 67%
CMY	0.3055, 0.3369, 0.3251
CMYK	0.00, 0.05, 0.03, 0.31
HSL	338°, 5%, 68%
HSV	338°, 5%, 69%
XYZ	39.8120, 40.7494, 44.8424
YIQ	171.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

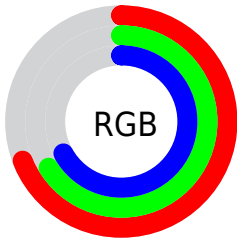
Format	Color
RYB	177, 169, 172
Decimal	11643308
CIELab	70.00, 3.42, -0.53
CIElCh	70, 3.457, 351.260
Yxy	40.7494, 0.3175, 0.3249
Android (android.graphics.Color)	4289833388 (0xFFB1A9AC)
YUV	171.7340, 0.1311, 4.6183
Hunter-Lab	63.8353, -0.3870, 3.0352

Details

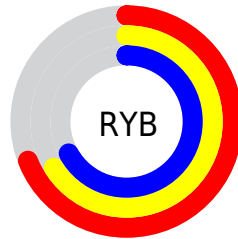
The CIELCh color $70, 3.457, 351.260$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 3.414, 170.717$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 3.602, 353.901$, and $50, 3.342, 348.069$ is the 20% darker color. If you saturate the color by 10%, you get $65, 11.287, 352.321$, and if you desaturate by 10%, it is $75, 4.105, 170.638$.

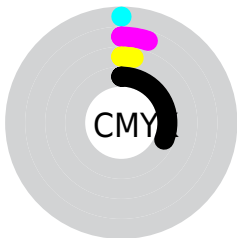
Distribution



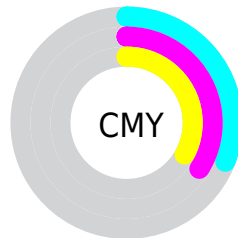
- Red (69%)
- Green (66%)
- Blue (67%)



- Red (69%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (31%)



- Cyan (31%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 3.457, 351.260 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 70, 3.457, 351.260 by changing the saturation by 10% instead.

■ 70, 3.457, 351.260

■ 70, 3.457, 351.260

■ 100, 3.457,
351.260

■ 60, 3.457, 351.260

■ 90, 3.457, 351.260

■ 50, 3.457, 351.260

■ 40, 3.457, 351.260

■ 30, 3.457, 351.260

■ 20, 3.457, 351.260

■ 10, 3.457, 351.260

■ 0, 3.457, 351.260

■ 70, 3.457, 351.260

■ 70, 3.457, 351.260

■ 65, 11.287,

■ 75, 4.105, 170.638

352.321

80, 11.369,
169.804

60, 19.330,
353.435

85, 18.333,
169.093

56, 27.468,
354.716

90, 25.009,
168.450

51, 35.514,
356.228

95, 29.991,
169.298

48, 43.191,
358.056

95, 27.183,
179.472

44, 50.143, 0.317

95, 25.308,
191.500

41, 55.984, 3.162

39, 60.421, 6.764

95, 24.805,
197.888

38, 63.417, 11.264

Harmonies

Complementary

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



70, 3.457, 351.260



72, 3.414, 170.717

Rectangle

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



70, 3.457, 351.260



70, 3.457, 41.260



70, 3.457, 171.260



70, 3.457, 221.260

Sweetspot

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



70, 3.455, 351.275



91, 0.943, 350.553



70, 4.779, 313.190



48, 0.536, 350.518



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 3.455, 351.275



88, 4.727, 351.340



70, 2.729, 30.197



36, 2.621, 351.396



32, 58.111, 13.240



2, 9.982, 356.695

Inverse Universe

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



70, 3.455, 351.275



88, 4.727, 351.340



71, 2.654, 210.443



36, 2.621, 351.396



32, 58.111, 13.240



2, 9.982, 356.695

Previews

White Background



This preview shows how the CIELCh color 70, 3.457, 351.260 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 70, 3.457, 351.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

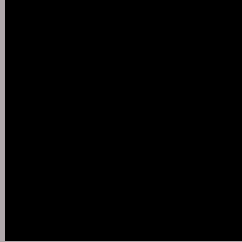
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

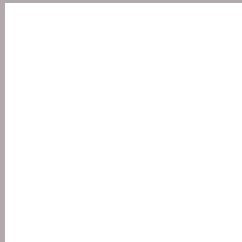
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 3.457, 351.260

Background



This preview shows how black text looks on a background with the CIELCh color 70, 3.457, 351.260.

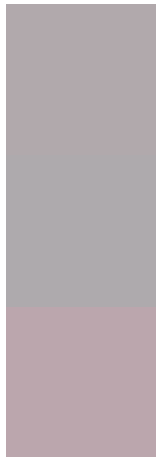


This preview shows how white text looks on a background with the CIELCh color 70, 3.457, 351.260.

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

70, 3.457, 351.260

Protanopia

70, 2.245, 332.356

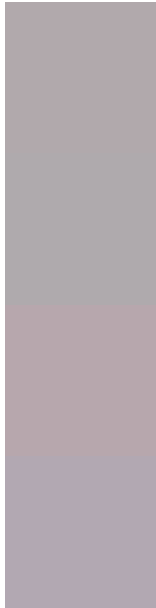
Deuteranopia

70, 8.876, 354.702



Tritanopia
70, 8.073, 318.165

Trichromacy



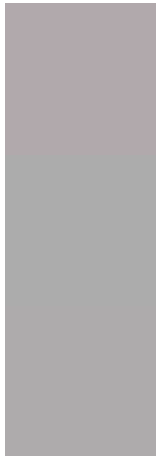
Original Color
70, 3.457, 351.260

Protanomaly
70, 2.516, 338.708

Deuteranomaly
70, 6.919, 351.712

Tritanomaly
70, 6.667, 324.710

Monochromacy



Original Color
70, 3.457, 351.260

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.265, 353.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 3.457, 351.260 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(177, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(177, 169, 172)  
}
```

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(177, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 169, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 3.457, 351.260 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(177, 169, 172) }
```

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

```
.border{ border-color:rgb(177, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(177, 169,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 3.457, 351.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 169, 172) }
```

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

```
.background{ background-color: rgb(177,  
169, 172) }
```

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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