

Converting Colors

CIELCh(70, 7.781, 322.467)

Have a look what the booklet for
CIELCh(70, 7.781, 322.467) contains.

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Color

CIELCh(70, 7.785, 322.478)

Conversions

Conversions Part 1

Format	Color
Hex	B3A8B4
RGB	179, 168, 180
RGB Percent	70%, 66%, 71%
CMY	0.2990, 0.3422, 0.2951
CMYK	0.01, 0.07, 0.00, 0.30
HSL	295°, 7%, 68%
HSV	295°, 7%, 70%
XYZ	40.6989, 40.7494, 48.7633
YIQ	172.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

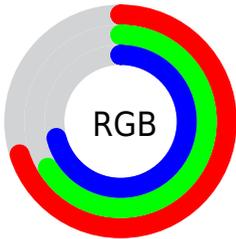
Format	Color
RYB	179, 168, 180
Decimal	11774132
CIELab	70.00, 6.17, -4.74
CIElCh	70, 7.785, 322.478
Yxy	40.7494, 0.3126, 0.3129
Android (android.graphics.Color)	4289964212 (0xFFB3A8B4)
YUV	172.6570, 3.6201, 5.5628
Hunter-Lab	63.8353, 2.0930, -0.6065

Details

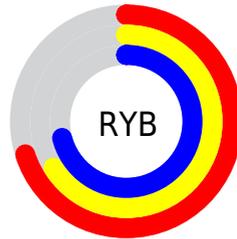
The CIELCh color $70, 7.785, 322.478$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 7.758, 141.869$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 8.026, 322.601$, and $50, 7.598, 322.354$ is the 20% darker color. If you saturate the color by 10%, you get $65, 19.566, 322.985$, and if you desaturate by 10%, it is $75, 3.831, 142.079$.

Distribution



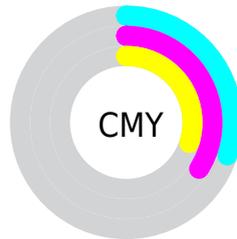
- Red (70%)
- Green (66%)
- Blue (71%)



- Red (70%)
- Yellow (66%)
- Blue (71%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (30%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.785, 322.478 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, 7.785, 322.478 by changing the saturation by 10% instead.

■ 70, 7.785, 322.478

■ 70, 7.785, 322.478

■ 100, 7.785,
322.478

■ 60, 7.785, 322.478

■ 90, 7.785, 322.478

■ 50, 7.785, 322.478

■ 40, 7.785, 322.478

■ 30, 7.785, 322.478

■ 20, 7.785, 322.478

■ 10, 7.785, 322.478

■ 0, 7.785, 322.478

■ 70, 7.785, 322.478

■ 70, 7.785, 322.478

■ 65, 19.566,

■ 75, 3.831, 142.079

322.985

80, 15.191,
141.567

61, 31.380,
323.475

85, 26.250,
141.112

56, 43.018,
323.941

90, 36.984,
140.685

52, 54.186,
324.366

94, 45.849,
140.268

49, 64.498,
324.727

94, 45.559,
139.761

46, 73.495,
324.998

94, 45.271,
139.244

43, 80.705,
325.153

94, 44.986,
138.717

41, 85.762,
325.171

94, 44.703,
138.181

40, 88.607,
325.047

Harmonies

Complementary

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



70, 7.785, 322.478



72, 7.758, 141.869

Rectangle

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



70, 7.785, 322.478



70, 7.785, 12.478



70, 7.785, 142.478



70, 7.785, 192.478

Sweetspot

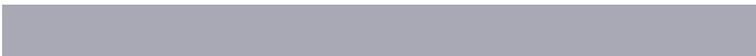
The Sweet Spot groups the original color and five complimentary colors.



70, 7.783, 322.477



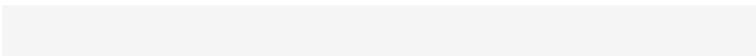
92, 2.891, 322.187



69, 5.935, 286.534



49, 1.643, 322.176



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 7.783, 322.477



88, 11.598, 322.554



70, 6.023, 339.069



35, 6.580, 322.615



34, 79.330, 325.034



2, 15.637, 321.024

Inverse Universe

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



70, 4.614, 12.921



88, 6.902, 13.063



72, 5.982, 158.191



35, 3.928, 13.176



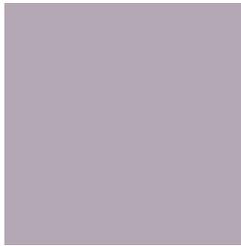
31, 67.865, 36.017



2, 9.207, 14.064

Previews

White Background



This preview shows how the CIELCh color 70, 7.785, 322.478 looks on a white background.

Color Contrast Check

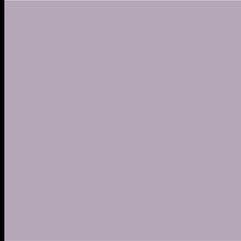
Large Text (above 18pt) WCAG AA × Fail

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, 7.785, 322.478 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

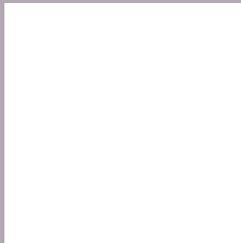
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 7.785, 322.478

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.785, 322.478.



This preview shows how white text looks on a background with the CIELCh color 70, 7.785, 322.478.

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, 7.785, 322.478

Protanopia

70, 6.048, 294.267

Deuteranopia

70, 10.243, 331.902



Tritanopia
70, 8.252, 320.473

Trichromacy



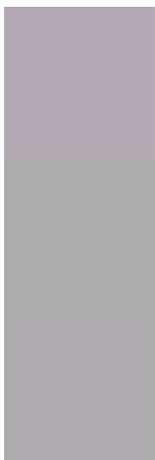
Original Color
70, 7.785, 322.478

Protanomaly
70, 6.860, 306.412

Deuteranomaly
70, 9.099, 328.757

Tritanomaly
70, 8.252, 320.473

Monochromacy



Original Color
70, 7.785, 322.478

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.142, 318.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.785, 322.478 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(179, 168, 180)` looks like.

```
.text, #text, p{  
    color:rgb(179, 168, 180)  
}
```

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(179, 168, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 168, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.785, 322.478 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(179, 168, 180) }
```

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

```
.border{ border-color:rgb(179, 168, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 168, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 168, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 168, 180);  
box-shadow:4px 4px 4px 4px rgb(179, 168,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.785, 322.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 168, 180) }
```

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

```
.background{ background-color: rgb(179,  
168, 180) }
```

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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