

Converting Colors

CIELCh(70, 6.955, 322.438)

Have a look what the booklet for
CIELCh(70, 6.955, 322.438) contains.

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Color

CIELCh(70, 7.124, 322.236)

Conversions

Conversions Part 1

Format	Color
Hex	B2A8B3
RGB	178, 168, 179
RGB Percent	70%, 66%, 70%
CMY	0.3018, 0.3410, 0.2979
CMYK	0.01, 0.06, 0.00, 0.30
HSL	295°, 7%, 68%
HSV	295°, 6%, 70%
XYZ	40.5234, 40.7494, 48.4021
YIQ	172.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

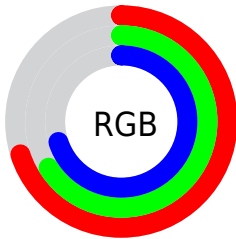
Format	Color
RYB	178, 168, 179
Decimal	11708595
CIELab	70.00, 5.63, -4.36
CIELCh	70, 7.124, 322.236
Yxy	40.7494, 0.3125, 0.3142
Android (android.graphics.Color)	4289898675 (0xFFB2A8B3)
YUV	172.2440, 3.3307, 5.0480
Hunter-Lab	63.8353, 1.6021, -0.2710

Details

The CIELCh color $70, 7.124, 322.236$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 7.098, 141.691$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 7.398, 322.398$, and $50, 6.895, 322.059$ is the 20% darker color. If you saturate the color by 10%, you get $65, 18.837, 322.741$, and if you desaturate by 10%, it is $75, 4.417, 141.836$.

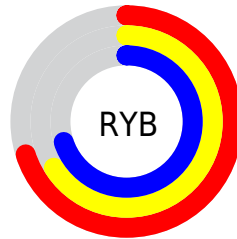
Distribution



Red (70%)

Green (66%)

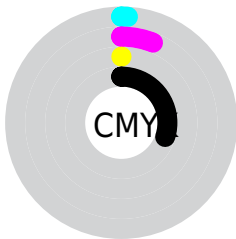
Blue (70%)



Red (70%)

Yellow (66%)

Blue (70%)

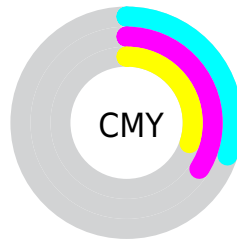


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (30%)

Magenta (34%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.124, 322.236 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, 7.124, 322.236 by changing the saturation by 10% instead.

 70, 7.124, 322.236

 70, 7.124, 322.236

 100, 7.124,
322.236

 60, 7.124, 322.236

 90, 7.124, 322.236

 50, 7.124, 322.236

 40, 7.124, 322.236

 30, 7.124, 322.236

 20, 7.124, 322.236

 10, 7.124, 322.236

 0, 7.124, 322.236

 70, 7.124, 322.236

 70, 7.124, 322.236

 65, 18.837,

 75, 4.417, 141.836

322.741

80, 15.698,
141.337

61, 30.596,
323.227

85, 26.678,
140.888

56, 42.201,
323.691

90, 37.336,
140.468

52, 53.366,
324.115

94, 46.156,
140.052

49, 63.714,
324.476

94, 45.842,
139.502

46, 72.788,
324.746

94, 45.531,
138.940

43, 80.116,
324.899

94, 45.223,
138.368

41, 85.316,
324.913

94, 44.918,
137.785

40, 88.281,
324.777

Harmonies

Complementary

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



70, 7.124, 322.236



72, 7.098, 141.691

Rectangle

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



70, 7.124, 322.236



70, 7.124, 12.236



70, 7.124, 142.236



70, 7.124, 192.236

Sweetspot

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



70, 7.122, 322.235



91, 2.859, 321.975



69, 5.441, 286.476



49, 1.639, 321.965



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, 7.122, 322.235



88, 10.028, 322.287



70, 5.523, 339.024



36, 5.245, 322.304



34, 79.382, 324.750



2, 15.585, 320.714

Inverse Universe

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



70, 4.231, 12.257



88, 5.973, 12.355



72, 5.487, 158.237



36, 3.127, 12.388



31, 67.562, 35.635



2, 9.216, 13.583

Previews

White Background



This preview shows how the CIELCh color 70, 7.124, 322.236 looks on a white background.

Color Contrast Check

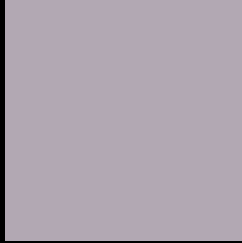
Large Text (above 18pt) WCAG AA × Fail

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, 7.124, 322.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

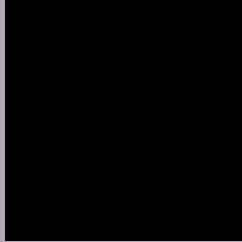
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

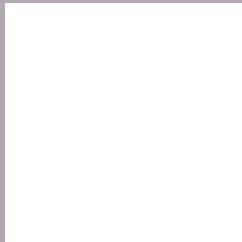
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 7.124, 322.236

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.124, 322.236.



This preview shows how white text looks on a background with the CIELCh color 70, 7.124, 322.236.

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, 7.124, 322.236

Protanopia

70, 5.501, 294.569

Deuteranopia

70, 9.845, 334.019



Tritanopia
70, 8.073, 318.165

Trichromacy



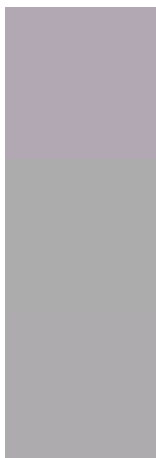
Original Color
70, 7.124, 322.236

Protanomaly
70, 6.335, 307.729

Deuteranomaly
70, 8.680, 331.001

Tritanomaly
70, 7.594, 320.070

Monochromacy



Original Color
70, 7.124, 322.236

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.478, 317.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.124, 322.236 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(178, 168, 179)` looks like.

```
.text, #text, p{  
    color:rgb(178, 168, 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(178, 168, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 168, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.124, 322.236 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(178, 168, 179) }
```

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

```
.border{ border-color:rgb(178, 168, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 168, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 168, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 168, 179);  
box-shadow:4px 4px 4px 4px rgb(178, 168,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.124, 322.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 168, 179) }
```

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

```
.background{ background-color: rgb(178,  
168, 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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