

Converting Colors

CIELCh(70, 10.393, 325.235)

Have a look what the booklet for
CIELCh(70, 10.393, 325.235)
contains.

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Color

CIELCh(70, 10.643, 324.895)

Conversions

Conversions Part 1

Format	Color
Hex	B6A6B6
RGB	182, 166, 182
RGB Percent	71%, 65%, 71%
CMY	0.2851, 0.3479, 0.2851
CMYK	0.00, 0.09, 0.00, 0.29
HSL	300°, 10%, 68%
HSV	300°, 9%, 71%
XYZ	41.5249, 40.7494, 50.0935
YIQ	172.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

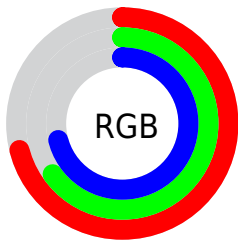
Format	Color
R_{YB}	182, 166, 182
Decimal	11970230
CIE Lab	70.00, 8.71, -6.12
CIE LCh	70, 10.643, 324.895
Yxy	40.7494, 0.3137, 0.3078
Android (android.graphics.Color)	4290160310 (0xFFB6A6B6)
YUV	172.6080, 4.6303, 8.2368
Hunter-Lab	63.8353, 4.4028, -1.8420

Details

The CIELCh color $70, 10.643, 324.895$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 10.624, 143.957$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 10.744, 324.808$, and $50, 10.642, 325.036$ is the 20% darker color. If you saturate the color by 10%, you get $65, 22.857, 325.449$, and if you desaturate by 10%, it is $75, 1.460, 144.543$.

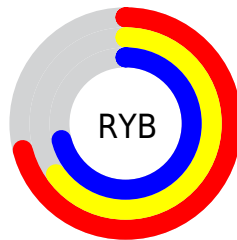
Distribution



Red (71%)

Green (65%)

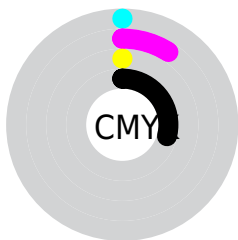
Blue (71%)



Red (71%)

Yellow (65%)

Blue (71%)

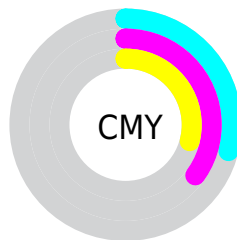


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.643, 324.895 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, 10.643, 324.895 by changing the saturation by 10% instead.


 70, 10.643,
324.895


 70, 10.643,
324.895


 100, 10.643,
324.895


 60, 10.643,
324.895


 90, 10.643,
324.895

 50, 10.643,
324.895

 40, 10.643,
324.895

 30, 10.643,
324.895

 20, 10.643,
324.895

 10, 10.643,
324.895

 0, 10.643, 324.895

70, 10.643,
324.895

70, 10.643,
324.895

65, 22.857,
325.449

75, 1.460, 144.543

61, 35.007,
325.984

80, 13.328,
143.867

57, 46.829,
326.494

85, 24.892,
143.347

53, 57.977,
326.964

90, 36.116,
142.854

50, 68.022,
327.376

94, 45.547,
142.449

47, 76.504,
327.716

94, 45.547,
142.449


45, 83.009,
327.971


94, 45.546,
142.450

44, 87.291,

94, 45.546,
142.450

328.137

 94, 45.546,
142.450

 43, 89.579,
328.224

Harmonies

Complementary

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



70, 10.643, 324.895



73, 10.624, 143.957

Rectangle

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



70, 10.643, 324.895



70, 10.643, 14.895



70, 10.643, 144.895



70, 10.643, 194.895

Sweetspot

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



70, 10.641, 324.895



92, 4.490, 324.542



69, 8.805, 291.073



49, 3.432, 324.599



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 10.641, 324.895



87, 16.534, 325.031



70, 7.495, 344.324



36, 6.910, 324.927



37, 79.888, 328.233



3, 18.823, 324.744

Inverse Universe

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



70, 10.641, 324.895



87, 16.534, 325.031



73, 7.406, 162.978



36, 6.910, 324.927



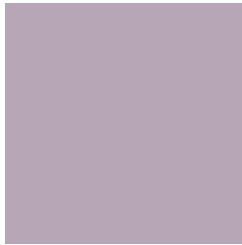
37, 79.888, 328.233



3, 18.823, 324.744

Previews

White Background



This preview shows how the CIELCh color 70, 10.643, 324.895 looks on a white background.

Color Contrast Check

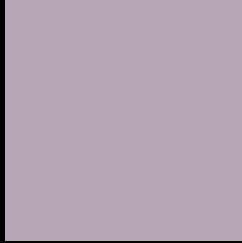
Large Text (above 18pt) WCAG AA × Fail

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, 10.643, 324.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

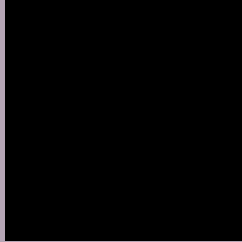
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 10.643, 324.895

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.643, 324.895.



This preview shows how white text looks on a background with the CIELCh color 70, 10.643, 324.895.

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, 10.643, 324.895

Protanopia

70, 8.221, 291.002

Deuteranopia

70, 10.856, 326.553



Tritanopia
70, 9.099, 328.757

Trichromacy



Original Color
70, 10.643, 324.895

Protanomaly
70, 8.453, 303.491

Deuteranomaly
70, 10.856, 326.553

Tritanomaly
70, 9.531, 326.719

Monochromacy



Original Color
70, 10.643, 324.895

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.337, 324.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.643, 324.895 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(182, 166, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 166, 182)  
}
```

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(182, 166, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.643, 324.895 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(182, 166, 182) }
```

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

```
.border{ border-color:rgb(182, 166, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 166, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 182);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.643, 324.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 166, 182) }
```

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

```
.background{ background-color: rgb(182,  
166, 182) }
```

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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