

Converting Colors

CIELCh(71, 10.665, 335.497)

Have a look what the booklet for
CIELCh(71, 10.665, 335.497)
contains.

CIELCh(71, 10.731, 334.978)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 10.731, 334.978)

Conversions

Conversions Part 1

Format	Color
Hex	BCA8B6
RGB	188, 168, 182
RGB Percent	74%, 66%, 71%
CMY	0.2619, 0.3403, 0.2854
CMYK	0.00, 0.11, 0.03, 0.26
HSL	318°, 13%, 70%
HSV	318°, 11%, 74%
XYZ	43.2988, 42.1875, 50.2323
YIQ	175.5760, 7.4260, 8.5940

Conversions

Conversions Part 2

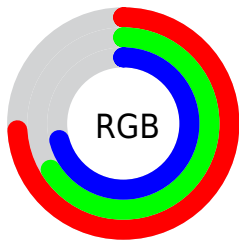
Format	Color
R _Y B	188, 168, 182
Decimal	12363958
CIE Lab	71.00, 9.72, -4.54
CIE LCh	71, 10.731, 334.978
Yxy	42.1875, 0.3190, 0.3108
Android (android.graphics.Color)	4290554038 (0xFFBCA8B6)
YUV	175.5760, 3.1670, 10.8958
Hunter-Lab	64.9519, 5.3273, -0.3872

Details

The CIELCh color $71, 10.731, 334.978$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 10.671, 153.572$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 10.824, 334.262$, and $51, 10.736, 335.861$ is the 20% darker color. If you saturate the color by 10%, you get $66, 20.944, 335.715$, and if you desaturate by 10%, it is $76, 0.634, 333.822$.

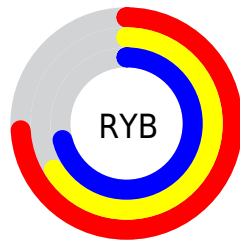
Distribution



Red (74%)

Green (66%)

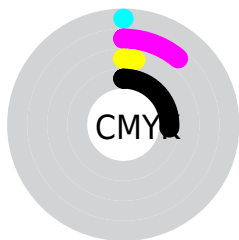
Blue (71%)



Red (74%)

Yellow (66%)

Blue (71%)

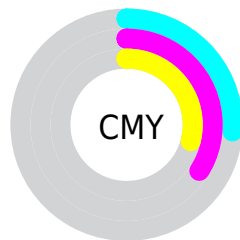


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 10.731, 334.978 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 71, 10.731, 334.978 by changing the saturation by 10% instead.


 71, 10.731,
334.978


 71, 10.731,
334.978


 100, 10.731,
334.978


 61, 10.731,
334.978


 91, 10.731,
334.978

 51, 10.731,
334.978

 41, 10.731,
334.978

 31, 10.731,
334.978

 21, 10.731,
334.978

 11, 10.731,
334.978

 1, 10.731, 334.978

■ 0, 10.731, 334.978

■ 71, 10.731,
334.978

■ 71, 10.731,
334.978

■ 66, 20.944,
335.715

■ 76, 0.634, 333.822

■ 81, 9.246, 153.728

■ 61, 31.124,
336.489

■ 86, 18.859,
153.108

■ 57, 41.032,
337.316

■ 91, 28.182,
152.536

■ 53, 50.338,
338.214

■ 95, 32.896,
153.515

■ 49, 58.614,
339.205

■ 95, 30.813,
157.190

■ 46, 65.375,
340.328

■ 95, 28.851,

■ 44, 70.170,
341.637

161.356

■ 43, 72.726,
343.202

■ 95, 27.039,
166.081

■ 42, 73.449,
344.917

■ 95, 25.412,
171.425

Harmonies

Complementary

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



71, 10.731, 334.978



74, 10.671, 153.572

Rectangle

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



71, 10.731, 334.978



71, 10.731, 24.978



71, 10.731, 154.978



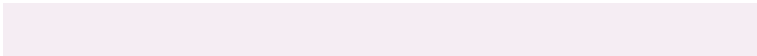
71, 10.731, 204.978

Sweetspot

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



71, 10.729, 334.980



95, 3.730, 334.387



70, 11.218, 302.429



50, 2.827, 334.463



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 10.729, 334.980



88, 16.278, 335.168



71, 7.950, 4.186



37, 5.728, 334.887



35, 64.722, 344.629



3, 16.080, 339.802

Inverse Universe

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



71, 10.729, 334.980



88, 16.278, 335.168



75, 7.626, 182.374



37, 5.728, 334.887



35, 64.722, 344.629



3, 16.080, 339.802

Previews

White Background



This preview shows how the CIELCh color 71, 10.731, 334.978 looks on a white background.

Color Contrast Check

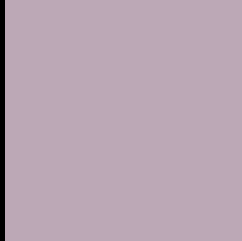
Large Text (above 18pt) WCAG AA × Fail

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 71, 10.731, 334.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

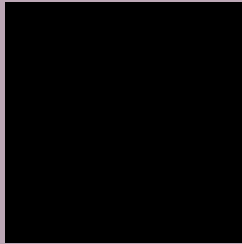
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 10.731, 334.978

Background



This preview shows how black text looks on a background with the CIELCh color 71, 10.731, 334.978.



This preview shows how white text looks on a background with the CIELCh color 71, 10.731, 334.978.

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
71, 10.731, 334.978

Protanopia
71, 6.573, 294.015

Deuteranopia
71, 9.814, 334.009



Tritanopia
71, 10.731, 334.978

Trichromacy



Original Color
71, 10.731, 334.978

Protanomaly
71, 7.732, 313.265

Deuteranomaly
71, 9.814, 334.009

Tritanomaly
71, 10.731, 334.978

Monochromacy



Original Color
71, 10.731, 334.978

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 3.806, 333.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 10.731, 334.978 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(188, 168, 182)` looks like.

```
.text, #text, p{  
    color:rgb(188, 168, 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(188, 168, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 168, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 10.731, 334.978 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(188, 168, 182) }
```

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

```
.border{ border-color:rgb(188, 168, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 168, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 168, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 168, 182);  
box-shadow:4px 4px 4px 4px rgb(188, 168,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 10.731, 334.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 168, 182) }
```

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

```
.background{ background-color: rgb(188,  
168, 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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