

Converting Colors

CIELCh(70, 14.758, 323.209)

Have a look what the booklet for
CIELCh(70, 14.758, 323.209)
contains.

CIELCh(70, 14.382, 323.810)	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(70, 14.382, 323.810)

Conversions

Conversions Part 1

Format	Color
Hex	BAA5BB
RGB	186, 165, 187
RGB Percent	73%, 65%, 73%
CMY	0.2720, 0.3543, 0.2681
CMYK	0.01, 0.12, 0.00, 0.27
HSL	297°, 14%, 69%
HSV	297°, 12%, 73%
XYZ	42.4845, 40.7494, 52.4375
YIQ	173.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

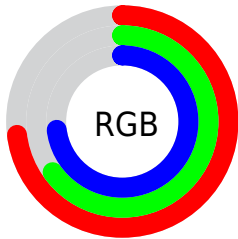
Format	Color
R _Y B	186, 165, 187
Decimal	12232123
CIE Lab	70.00, 11.61, -8.49
CIE LCh	70, 14.382, 323.810
Yxy	40.7494, 0.3131, 0.3004
Android (android.graphics.Color)	4290422203 (0xFFBAA5BB)
YUV	173.7870, 6.5140, 10.7108
Hunter-Lab	63.8353, 7.0860, -4.0191

Details

The CIELCh color $70, 14.382, 323.810$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 14.348, 142.580$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 14.305, 323.751$, and $50, 14.612, 323.932$ is the 20% darker color. If you saturate the color by 10%, you get $65, 26.687, 324.330$, and if you desaturate by 10%, it is $75, 2.164, 323.205$.

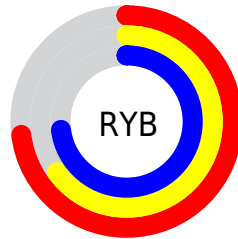
Distribution



Red (73%)

Green (65%)

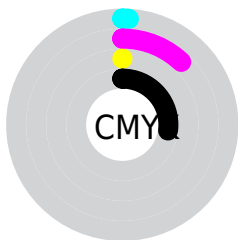
Blue (73%)



Red (73%)

Yellow (65%)

Blue (73%)

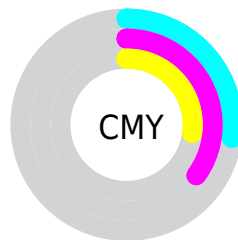


Cyan (1%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.382, 323.810 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, 14.382, 323.810 by changing the saturation by 10% instead.


 70, 14.382,
323.810


 70, 14.382,
323.810


 100, 14.382,
323.810


 60, 14.382,
323.810


 90, 14.382,
323.810

 50, 14.382,
323.810

 40, 14.382,
323.810

 30, 14.382,
323.810

 20, 14.382,
323.810

 10, 14.382,
323.810

 0, 14.382, 323.810

70, 14.382,
323.810

70, 14.382,
323.810

65, 26.687,
324.330

75, 2.164, 323.205

61, 38.893,
324.831

80, 9.836, 142.835

57, 50.724,
325.300

85, 21.545,
142.336

53, 61.811,
325.720

90, 32.922,
141.868

49, 71.705,
326.068

94, 42.192,
141.447

47, 79.923,
326.324

94, 42.023,
141.138


45, 86.044,
326.469


94, 41.855,
140.826

43, 89.850,

94, 41.689,
140.510

326.494

 95, 41.523,
140.191

 43, 91.620,
326.445

Harmonies

Complementary

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



70, 14.382, 323.810



74, 14.348, 142.580

Rectangle

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



70, 14.382, 323.810



70, 14.382, 13.810



70, 14.382, 143.810



70, 14.382, 193.810

Sweetspot

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



70, 14.380, 323.810



93, 6.006, 323.383



69, 11.498, 289.379



50, 4.305, 323.429



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 14.380, 323.810



87, 21.148, 323.939



70, 10.642, 341.956



37, 6.969, 323.681



36, 81.035, 326.467



3, 20.977, 323.467

Inverse Universe

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



70, 8.518, 16.450



86, 12.623, 16.674



74, 10.515, 160.139



37, 4.098, 16.234



32, 71.057, 37.810



3, 12.272, 16.783

Previews

White Background



This preview shows how the CIELCh color 70, 14.382, 323.810 looks on a white background.

Color Contrast Check

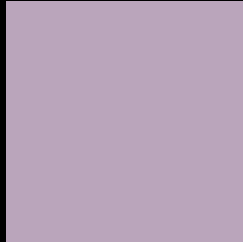
Large Text (above 18pt) WCAG AA × Fail

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, 14.382, 323.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

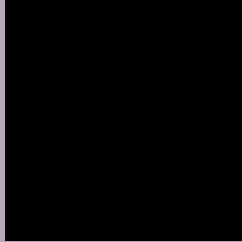
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 14.382, 323.810

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.382, 323.810.



This preview shows how white text looks on a background with the CIELCh color 70, 14.382, 323.810.

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, 14.382, 323.810

Protanopia

70, 10.958, 289.397

Deuteranopia

70, 12.333, 317.735



Tritanopia
70, 10.107, 335.606

Trichromacy



Original Color
70, 14.382, 323.810

Protanomaly
70, 11.833, 303.669

Deuteranomaly
70, 12.681, 320.759

Tritanomaly
70, 11.308, 329.687

Monochromacy



Original Color
70, 14.382, 323.810

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 5.331, 324.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.382, 323.810 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(186, 165, 187)` looks like.

```
.text, #text, p{  
    color:rgb(186, 165, 187)  
}
```

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(186, 165, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 165, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.382, 323.810 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(186, 165, 187) }
```

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

```
.border{ border-color:rgb(186, 165, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 165, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 165, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 165, 187);  
box-shadow:4px 4px 4px 4px rgb(186, 165,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.382, 323.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 165, 187) }
```

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

```
.background{ background-color: rgb(186,  
165, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor