

Converting Colors

CIELCh(71, 12.026, 325.184)

Have a look what the booklet for
CIELCh(71, 12.026, 325.184)
contains.

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Color

CIELCh(71, 12.142, 326.427)

Conversions

Conversions Part 1

Format	Color
Hex	BBA8BA
RGB	187, 168, 186
RGB Percent	73%, 66%, 73%
CMY	0.2661, 0.3406, 0.2701
CMYK	0.00, 0.10, 0.01, 0.27
HSL	303°, 12%, 70%
HSV	303°, 10%, 73%
XYZ	43.4315, 42.1875, 52.3839
YIQ	175.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

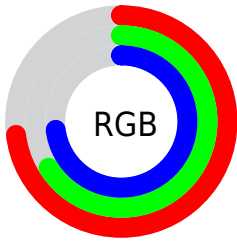
Format	Color
R _{YB}	187, 168, 186
Decimal	12298426
CIE Lab	71.00, 10.12, -6.71
CIE LCh	71, 12.142, 326.427
Yxy	42.1875, 0.3147, 0.3057
Android (android.graphics.Color)	4290488506 (0xFFBBA8BA)
YUV	175.7330, 5.0616, 9.8812
Hunter-Lab	64.9519, 5.6920, -2.3512

Details

The CIELCh color $71, 12.142, 326.427$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 12.120, 145.299$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 12.178, 326.247$, and $51, 12.223, 326.679$ is the 20% darker color. If you saturate the color by 10%, you get $66, 24.188, 326.998$, and if you desaturate by 10%, it is $76, 0.189, 324.533$.

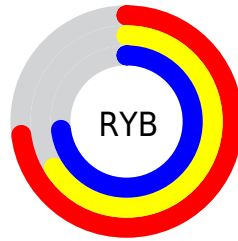
Distribution



Red (73%)

Green (66%)

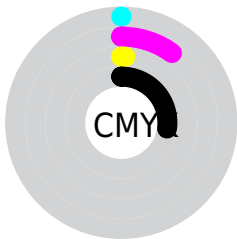
Blue (73%)



Red (73%)

Yellow (66%)

Blue (73%)

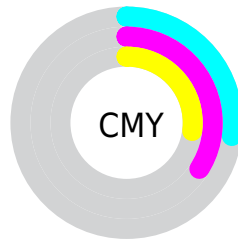


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 12.142, 326.427 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, 12.142, 326.427 by changing the saturation by 10% instead.


 71, 12.142,
326.427

 71, 12.142,
326.427


 100, 12.142,
326.427


 61, 12.142,
326.427


 91, 12.142,
326.427

 51, 12.142,
326.427

 41, 12.142,
326.427

 31, 12.142,
326.427

 21, 12.142,
326.427

 11, 12.142,
326.427

 1, 12.142, 326.427

0, 12.142, 326.427

71, 12.142,
326.427

71, 12.142,
326.427

66, 24.188,
326.998

76, 0.189, 324.533

62, 36.146,
327.558

81, 11.542,
145.374

58, 47.742,
328.100

86, 22.981,
144.840

54, 58.615,
328.613

91, 34.089,
144.335

51, 68.322,
329.086

94, 40.888,
144.171

48, 76.385,
329.508

94, 40.478,
144.580

■ 46, 82.387,
329.872

■ 94, 40.069,
144.998

■ 45, 86.095,
330.181

■ 94, 39.662,
145.423

■ 44, 87.879,
330.446

■ 94, 39.257,
145.856

Harmonies

Complementary

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



71, 12.142, 326.427



74, 12.120, 145.299

Rectangle

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



71, 12.142, 326.427



71, 12.142, 16.427



71, 12.142, 146.427



71, 12.142, 196.427

Sweetspot

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



71, 12.140, 326.427



94, 4.408, 325.982



70, 10.442, 293.103



50, 3.369, 326.042



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, 12.140, 326.427



88, 17.715, 326.545



71, 8.585, 347.272



37, 6.819, 326.381



37, 77.616, 330.416



3, 20.409, 327.342

Inverse Universe

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



71, 12.140, 326.427



88, 17.715, 326.545



74, 8.445, 165.608



37, 6.819, 326.381



37, 77.616, 330.416



3, 20.409, 327.342

Previews

White Background



This preview shows how the CIELCh color 71, 12.142, 326.427 looks on a white background.

Color Contrast Check

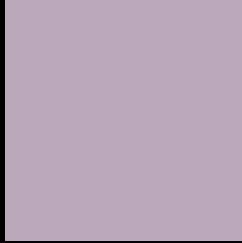
Large Text (above 18pt) WCAG AA × Fail

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, 12.142, 326.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

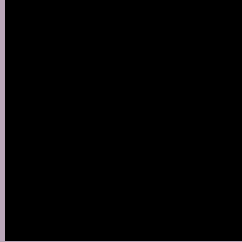
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 12.142, 326.427

Background



This preview shows how black text looks on a background with the CIELCh color 71, 12.142, 326.427.



This preview shows how white text looks on a background with the CIELCh color 71, 12.142, 326.427.

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, 12.142, 326.427

Protanopia

71, 8.741, 291.042

Deuteranopia

71, 11.062, 323.298



Tritanopia
71, 9.814, 334.009

Trichromacy



Original Color
71, 12.142, 326.427

Protanomaly
71, 9.676, 306.364

Deuteranomaly
71, 11.265, 324.916

Tritanomaly
71, 10.621, 329.941

Monochromacy



Original Color
71, 12.142, 326.427

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 4.653, 324.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 12.142, 326.427 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(187, 168, 186)` looks like.

```
.text, #text, p{  
    color:rgb(187, 168, 186)  
}
```

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(187, 168, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 168, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 12.142, 326.427 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(187, 168, 186) }
```

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

```
.border{ border-color:rgb(187, 168, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 168, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 168, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 168, 186);  
box-shadow:4px 4px 4px 4px rgb(187, 168,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 12.142, 326.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 168, 186) }
```

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

```
.background{ background-color: rgb(187,  
168, 186) }
```

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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