

Converting Colors

CIELCh(71, 16.973, 326.433)

Have a look what the booklet for
CIELCh(71, 16.973, 326.433)
contains.

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Color

CIELCh(71, 16.724, 326.219)

Conversions

Conversions Part 1

Format	Color
Hex	C0A6BF
RGB	192, 166, 191
RGB Percent	75%, 65%, 75%
CMY	0.2474, 0.3494, 0.2514
CMYK	0.00, 0.14, 0.01, 0.25
HSL	302°, 17%, 70%
HSV	302°, 14%, 75%
XYZ	44.7243, 42.1875, 55.0184
YIQ	176.6240, 7.4710, 13.2870

Conversions

Conversions Part 2

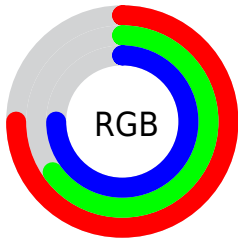
Format	Color
R_{YB}	192, 166, 191
Decimal	12625599
CIE _{Lab}	71.00, 13.90, -9.30
CIE _{LCh}	71, 16.724, 326.219
Yxy	42.1875, 0.3151, 0.2972
Android (android.graphics.Color)	4290815679 (0xFFC0A6BF)
YUV	176.6240, 7.0874, 13.4848
Hunter-Lab	64.9519, 9.2450, -4.7561

Details

The CIELCh color $71, 16.724, 326.219$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 16.700, 144.671$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 16.751, 327.047$, and $51, 16.859, 325.351$ is the 20% darker color. If you saturate the color by 10%, you get $66, 29.131, 326.781$, and if you desaturate by 10%, it is $76, 4.354, 325.621$.

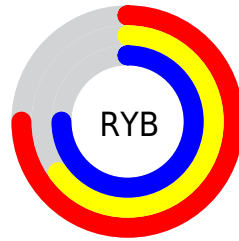
Distribution



Red (75%)

Green (65%)

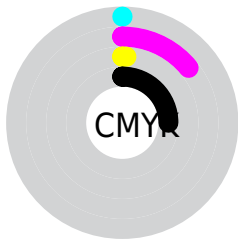
Blue (75%)



Red (75%)

Yellow (65%)

Blue (75%)

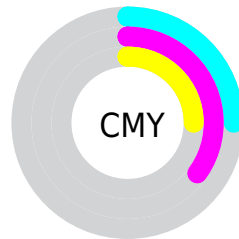


Cyan (0%)

Magenta (14%)

Yellow (1%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 16.724, 326.219 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, 16.724, 326.219 by changing the saturation by 10% instead.


 71, 16.724,
326.219


 71, 16.724,
326.219


 100, 16.724,
326.219


 61, 16.724,
326.219


 91, 16.724,
326.219

 51, 16.724,
326.219

 41, 16.724,
326.219

 31, 16.724,
326.219

 21, 16.724,
326.219

 11, 16.724,
326.219

 1, 16.724, 326.219

71, 16.724,
326.219

71, 16.724,
326.219

66, 29.131,
326.781

76, 4.354, 325.621

81, 7.825, 145.169

62, 41.359,
327.328

86, 19.722,
144.621

58, 53.094,
327.851

91, 31.289,
144.109

54, 63.933,
328.336

95, 38.425,
143.908

51, 73.401,
328.770

95, 38.117,
144.231

48, 81.020,
329.143

95, 37.809,

■ 47, 86.415,
329.449

144.560

■ 46, 89.457,
329.692

■ 95, 37.502,
144.893

■ 45, 90.541,
329.826

■ 95, 37.196,
145.232

Harmonies

Complementary

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



71, 16.724, 326.219



75, 16.700, 144.671

Rectangle

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



71, 16.724, 326.219



71, 16.724, 16.219



71, 16.724, 146.219



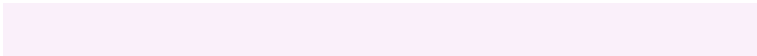
71, 16.724, 196.219

Sweetspot

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



71, 16.722, 326.219



96, 6.088, 325.657



69, 14.309, 292.844



51, 4.327, 325.707



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 16.722, 326.219



89, 24.502, 326.373



71, 11.868, 346.637



38, 7.039, 325.980



38, 79.403, 329.805



4, 23.371, 327.643

Inverse Universe

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



71, 16.722, 326.219



89, 24.502, 326.373



75, 11.633, 164.346



38, 7.039, 325.980



38, 79.403, 329.805



4, 23.371, 327.643

Previews

White Background



This preview shows how the CIELCh color 71, 16.724, 326.219 looks on a white background.

Color Contrast Check

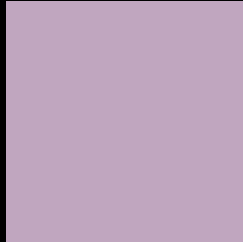
Large Text (above 18pt) WCAG AA × Fail

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, 16.724, 326.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

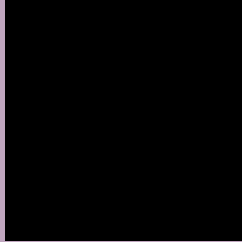
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 16.724, 326.219

Background



This preview shows how black text looks on a background with the CIELCh color 71, 16.724, 326.219.



This preview shows how white text looks on a background with the CIELCh color 71, 16.724, 326.219.

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, 16.724, 326.219

Protanopia

71, 12.023, 287.974

Deuteranopia

71, 12.629, 315.113



Tritanopia
71, 10.915, 339.911

Trichromacy



Original Color
71, 16.724, 326.219

Protanomaly
71, 13.570, 305.239

Deuteranomaly
71, 13.778, 319.852

Tritanomaly
71, 13.322, 333.132

Monochromacy



Original Color
71, 16.724, 326.219

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 5.974, 324.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 16.724, 326.219 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(192, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(192, 166, 191)  
}
```

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(192, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 166, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 16.724, 326.219 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(192, 166, 191) }
```

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

```
.border{ border-color:rgb(192, 166, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(192, 166,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 16.724, 326.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 166, 191) }
```

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

```
.background{ background-color: rgb(192,  
166, 191) }
```

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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