

Converting Colors

CIELCh(66, 22.909, 322.957)

Have a look what the booklet for
CIELCh(66, 22.909, 322.957)
contains.

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Color

CIELCh(66, 22.735, 323.030)

Conversions

Conversions Part 1

Format	Color
Hex	B696B9
RGB	182, 150, 185
RGB Percent	71%, 59%, 73%
CMY	0.2857, 0.4112, 0.2740
CMYK	0.02, 0.19, 0.00, 0.27
HSL	295°, 20%, 66%
HSV	295°, 19%, 73%
XYZ	39.0211, 35.3238, 50.7344
YIQ	163.5580, 7.8370, 17.6690

Conversions

Conversions Part 2

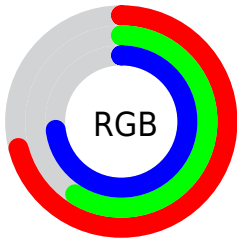
Format	Color
R_{YB}	182, 150, 185
Decimal	11966137
CIE _{Lab}	66.00, 18.16, -13.67
CIE _{LCh}	66, 22.735, 323.030
Yxy	35.3238, 0.3120, 0.2824
Android (android.graphics.Color)	4290156217 (0xFFB696B9)
YUV	163.5580, 10.5709, 16.1736
Hunter-Lab	59.4338, 13.1843, -9.0080

Details

The CIELCh color $66, 22.735, 323.030$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 22.645, 141.065$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 22.869, 322.999$, and $46, 22.806, 323.142$ is the 20% darker color. If you saturate the color by 10%, you get $61, 34.809, 323.515$, and if you desaturate by 10%, it is $71, 10.649, 322.528$.

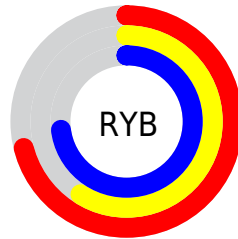
Distribution



Red (71%)

Green (59%)

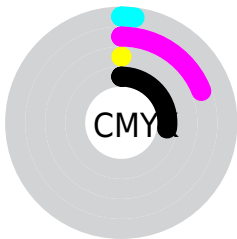
Blue (73%)



Red (71%)

Yellow (59%)

Blue (73%)

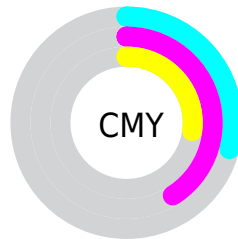


Cyan (2%)

Magenta (19%)

Yellow (0%)

Black (27%)



Cyan (29%)


Magenta (41%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 22.735, 323.030 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 66, 22.735, 323.030 by changing the saturation by 10% instead.


 66, 22.735,
323.030


 66, 22.735,
323.030


 100, 22.735,
323.030


 56, 22.735,
323.030


 86, 22.735,
323.030

 46, 22.735,
323.030

 96, 22.735,
323.030

 36, 22.735,
323.030

 26, 22.735,
323.030

 16, 22.735,
323.030

 6, 22.735, 323.030

 0, 22.735, 323.030

66, 22.735,
323.030

66, 22.735,
323.030

61, 34.809,
323.515

71, 10.649,
322.528

57, 46.647,
323.974

76, 1.287, 142.238

53, 57.922,
324.386

81, 12.978,
141.608

49, 68.217,
324.727

86, 24.368,
141.146

46, 77.049,
324.971

91, 35.429,
140.714

44, 83.946,
325.092

94, 42.486,
140.247

42, 88.574,
325.071

94, 42.179,
139.657

41, 91.107,

95, 41.875,
139.056

324.917

■ 95, 41.574,
138.442

■ 41, 91.349,
324.898

Harmonies

Complementary

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



66, 22.735, 323.030



72, 22.645, 141.065

Rectangle

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



66, 22.735, 323.030



66, 22.735, 13.030



66, 22.735, 143.030



66, 22.735, 193.030

Sweetspot

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



66, 22.733, 323.030



91, 8.833, 322.381



64, 17.588, 288.048



48, 5.858, 322.416



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 22.733, 323.030



81, 34.158, 323.249



66, 17.659, 340.083



36, 6.730, 322.550



34, 80.314, 324.941



3, 18.052, 321.103

Inverse Universe

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



65, 13.952, 13.955



80, 21.241, 14.461



72, 17.412, 157.132



36, 4.023, 12.991



32, 68.649, 35.964



2, 10.695, 14.205

Previews

White Background



This preview shows how the CIELCh color 66, 22.735, 323.030 looks on a white background.

Color Contrast Check

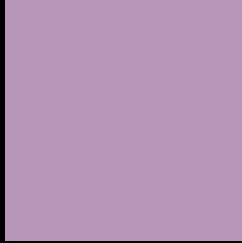
Large Text (above 18pt) WCAG AA × Fail

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 66, 22.735, 323.030 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 66, 22.735, 323.030

Background



This preview shows how black text looks on a background with the CIELCh color 66, 22.735, 323.030.



This preview shows how white text looks on a background with the CIELCh color 66, 22.735, 323.030.

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





Tritanopia
66, 11.666, 345.912

Trichromacy



Original Color
66, 22.735, 323.030

Protanomaly
66, 18.596, 300.828

Deuteranomaly
66, 17.185, 311.533

Tritanomaly
66, 15.075, 333.654

Monochromacy



Original Color
66, 22.735, 323.030

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.526, 322.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 22.735, 323.030 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, 150, 185)` looks like.

```
.text, #text, p{  
    color:rgb(182, 150, 185)  
}
```

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, 150, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 150, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 22.735, 323.030 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, 150, 185) }
```

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

```
.border{ border-color:rgb(182, 150, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 150, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 150, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 150, 185);  
box-shadow:4px 4px 4px 4px rgb(182, 150,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 22.735, 323.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 150, 185) }
```

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

```
.background{ background-color: rgb(182,  
150, 185) }
```

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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