

Converting Colors

CIELCh(73, 13.284, 347.970)

Have a look what the booklet for
CIELCh(73, 13.284, 347.970)
contains.

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Color

CIELCh(73, 13.602, 346.775)

Conversions

Conversions Part 1

Format	Color
Hex	C9ABB9
RGB	201, 171, 185
RGB Percent	79%, 67%, 73%
CMY	0.2109, 0.3286, 0.2737
CMYK	0.00, 0.15, 0.08, 0.21
HSL	332°, 22%, 73%
HSV	332°, 15%, 79%
XYZ	47.5277, 45.1644, 52.2292
YIQ	181.5660, 13.3860, 10.7140

Conversions

Conversions Part 2

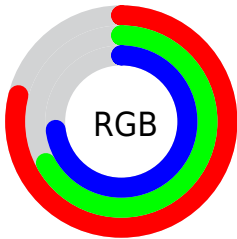
Format	Color
R_{YB}	201, 171, 185
Decimal	13216697
CIE _{Lab}	73.00, 13.24, -3.11
CIE _{LCh}	73, 13.602, 346.775
Yxy	45.1644, 0.3280, 0.3116
Android (android.graphics.Color)	4291406777 (0xFFC9ABB9)
YUV	181.5660, 1.6930, 17.0436
Hunter-Lab	67.2044, 8.6293, 0.9648

Details

The CIELCh color $73, 13.602, 346.775$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 13.305, 164.216$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 12.944, 343.651$, and $53, 13.486, 347.278$ is the 20% darker color. If you saturate the color by 10%, you get $68, 22.944, 347.807$, and if you desaturate by 10%, it is $78, 4.423, 345.809$.

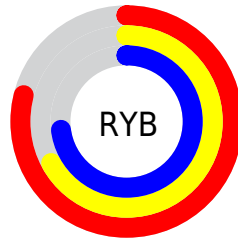
Distribution



Red (79%)

Green (67%)

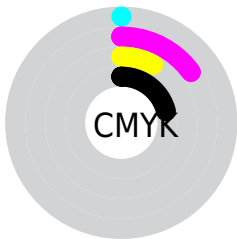
Blue (73%)



Red (79%)

Yellow (67%)

Blue (73%)

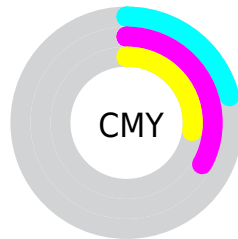


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (21%)



Cyan (21%)


Magenta (33%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 13.602, 346.775 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 73, 13.602, 346.775 by changing the saturation by 10% instead.


 73, 13.602,
346.775


 73, 13.602,
346.775


 100, 13.602,
346.775


 63, 13.602,
346.775


 93, 13.602,
346.775

 53, 13.602,
346.775

 43, 13.602,
346.775

 33, 13.602,
346.775

 23, 13.602,
346.775

 13, 13.602,
346.775

 3, 13.602, 346.775

73, 13.602,
346.775

73, 13.602,
346.775

68, 22.944,
347.807

78, 4.423, 345.809

84, 4.497, 165.181

63, 32.299,
348.970

89, 13.117,
164.377

58, 41.421,
350.319

95, 21.422,
163.684

54, 49.961,
351.922

96, 20.203,
173.962

50, 57.475,
353.878

96, 18.190,
189.520

47, 63.490,
356.317

96, 17.729,

■ 45, 67.643, 198.331
359.404

■ 44, 69.878, 3.302

■ 43, 70.642, 5.503

Harmonies

Complementary

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



73, 13.602, 346.775



79, 13.305, 164.216

Rectangle

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



73, 13.602, 346.775



73, 13.602, 36.775



73, 13.602, 166.775



73, 13.602, 216.775

Sweetspot

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



73, 13.600, 346.778



97, 4.362, 345.716



72, 17.403, 310.878



52, 3.102, 345.799



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 13.600, 346.778



88, 19.972, 347.110



73, 11.237, 23.069



39, 5.088, 346.247



35, 60.496, 4.728



4, 17.550, 355.002

Inverse Universe

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



73, 13.600, 346.778



88, 19.972, 347.110



79, 10.198, 201.712



39, 5.088, 346.247



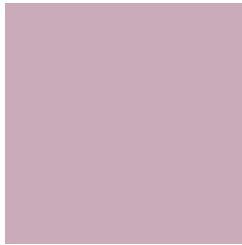
35, 60.496, 4.728



4, 17.550, 355.002

Previews

White Background



This preview shows how the CIELCh color 73, 13.602, 346.775 looks on a white background.

Color Contrast Check

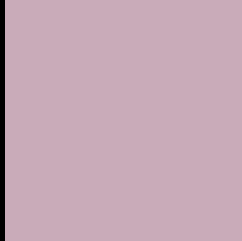
Large Text (above 18pt) WCAG AA × Fail

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 73, 13.602, 346.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

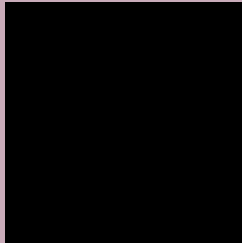
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 13.602, 346.775

Background



This preview shows how black text looks on a background with the CIELCh color 73, 13.602, 346.775.



This preview shows how white text looks on a background with the CIELCh color 73, 13.602, 346.775.

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

73, 13.602, 346.775

Protanopia

73, 6.035, 297.705

Deuteranopia

73, 9.596, 341.831



Tritanopia
73, 13.602, 346.775

Trichromacy



Original Color
73, 13.602, 346.775

Protanomaly
73, 7.923, 324.757

Deuteranomaly
73, 11.125, 344.641

Tritanomaly
73, 13.602, 346.775

Monochromacy



Original Color
73, 13.602, 346.775

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.947, 346.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 13.602, 346.775 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(201, 171, 185)` looks like.

```
.text, #text, p{  
    color:rgb(201, 171, 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(201, 171, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 171, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 13.602, 346.775 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(201, 171, 185) }
```

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

```
.border{ border-color:rgb(201, 171, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 171, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 171, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 171, 185);  
box-shadow:4px 4px 4px 4px rgb(201, 171,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 13.602, 346.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 171, 185) }
```

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

```
.background{ background-color: rgb(201,  
171, 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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