

Converting Colors

CIELCh(75, 4.428, 344.573)

Have a look what the booklet for
CIELCh(75, 4.428, 344.573) contains.

CIELCh(75, 4.619, 343.990)	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(75, 4.619, 343.990)

Conversions

Conversions Part 1

Format	Color
Hex	C0B6BB
RGB	192, 182, 187
RGB Percent	75%, 71%, 73%
CMY	0.2469, 0.2861, 0.2665
CMYK	0.00, 0.05, 0.03, 0.25
HSL	330°, 7%, 73%
HSV	330°, 5%, 75%
XYZ	47.4628, 48.2781, 53.8575
YIQ	185.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

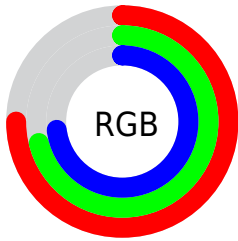
Format	Color
R _Y B	192, 182, 187
Decimal	12629691
CIE Lab	75.00, 4.44, -1.27
CIE LCh	75, 4.619, 343.990
Yxy	48.2781, 0.3173, 0.3227
Android (android.graphics.Color)	4290819771 (0xFFC0B6BB)
YUV	185.5600, 0.7099, 5.6479
Hunter-Lab	69.4824, 0.3374, 2.6806

Details

The CIELCh color $75, 4.619, 343.990$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 4.576, 163.322$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 4.397, 343.875$, and $55, 4.913, 344.163$ is the 20% darker color. If you saturate the color by 10%, you get $70, 13.643, 344.930$, and if you desaturate by 10%, it is $80, 4.178, 163.385$.

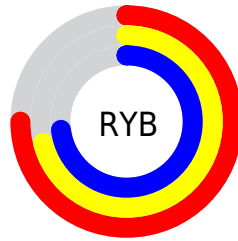
Distribution



Red (75%)

Green (71%)

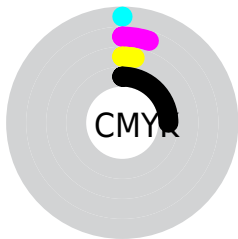
Blue (73%)



Red (75%)

Yellow (71%)

Blue (73%)

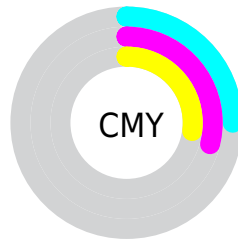


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (25%)



Cyan (25%)


Magenta (29%)

Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 4.619, 343.990 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 75, 4.619, 343.990 by changing the saturation by 10% instead.


 75, 4.619, 343.990

 75, 4.619, 343.990

 100, 4.619,
343.990

 65, 4.619, 343.990

 95, 4.619, 343.990

 55, 4.619, 343.990

 45, 4.619, 343.990

 35, 4.619, 343.990

 25, 4.619, 343.990

 15, 4.619, 343.990

 5, 4.619, 343.990

 0, 4.619, 343.990

 75, 4.619, 343.990

 75, 4.619, 343.990

70, 13.643,
344.930

80, 4.178, 163.385

65, 22.809,
345.916

86, 12.693,
162.596

60, 31.955,
347.024

91, 20.912,
161.916

56, 40.839,
348.298

95, 26.624,
163.064

52, 49.114,
349.798

95, 23.799,
172.422

48, 56.348,
351.611

96, 21.692,
183.869

45, 62.075,
353.857

96, 20.537,
197.126

43, 65.936,
356.688

96, 20.495,
198.156

42, 67.859, 0.259

Harmonies

Complementary

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



75, 4.619, 343.990



77, 4.576, 163.322

Rectangle

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



75, 4.619, 343.990



75, 4.619, 33.990



75, 4.619, 163.990



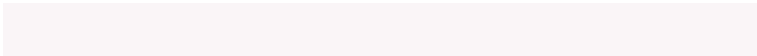
75, 4.619, 213.990

Sweetspot

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



75, 4.617, 343.999



97, 2.192, 343.605



75, 5.734, 309.275



52, 1.246, 343.585



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 4.617, 343.999



94, 6.598, 344.085



75, 3.755, 19.578



39, 3.552, 344.130



34, 60.041, 1.518



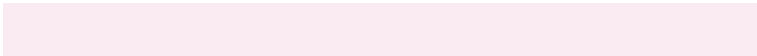
3, 15.829, 352.344

Inverse Universe

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



75, 4.617, 343.999



94, 6.598, 344.085



77, 3.635, 199.267



39, 3.552, 344.130



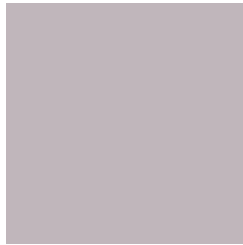
34, 60.041, 1.518



3, 15.829, 352.344

Previews

White Background



This preview shows how the CIELCh color 75, 4.619, 343.990 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 75, 4.619, 343.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

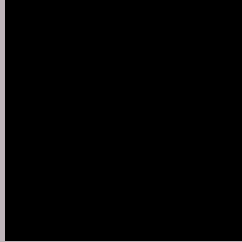
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

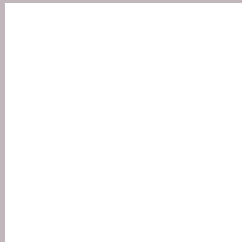
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 4.619, 343.990

Background



This preview shows how black text looks on a background with the CIELCh color 75, 4.619, 343.990.



This preview shows how white text looks on a background with the CIELCh color 75, 4.619, 343.990.

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


75, 4.619, 343.990

Protanopia

75, 2.446, 317.308

Deuteranopia

75, 9.574, 349.806



Tritanopia
75, 8.793, 320.797

Trichromacy



Original Color
75, 4.619, 343.990

Protanomaly
75, 3.520, 329.499

Deuteranomaly
75, 8.009, 347.498

Tritanomaly
75, 7.447, 327.088

Monochromacy



Original Color
75, 4.619, 343.990

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 1.247, 353.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 4.619, 343.990 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, 182, 187)` looks like.

```
.text, #text, p{  
    color:rgb(192, 182, 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(192, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 182, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 4.619, 343.990 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, 182, 187) }
```

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

```
.border{ border-color:rgb(192, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(192, 182,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 4.619, 343.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 182, 187) }
```

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

```
.background{ background-color: rgb(192,  
182, 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