

Converting Colors

CIELCh(75, 5.428, 359.878)

Have a look what the booklet for
CIELCh(75, 5.428, 359.878) contains.

CIELCh(75, 5.685, 357.545)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 5.685, 357.545)

Conversions

Conversions Part 1

Format	Color
Hex	C3B5B9
RGB	195, 181, 185
RGB Percent	76%, 71%, 73%
CMY	0.2344, 0.2893, 0.2737
CMYK	0.00, 0.07, 0.05, 0.23
HSL	343°, 10%, 74%
HSV	343°, 7%, 77%
XYZ	47.9093, 48.2781, 52.8118
YIQ	185.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

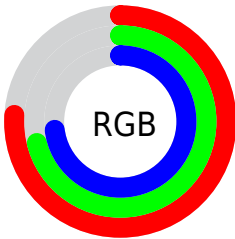
Format	Color
R _Y B	195, 181, 185
Decimal	12826041
CIE Lab	75.00, 5.68, -0.24
CIE LCh	75, 5.685, 357.545
Yxy	48.2781, 0.3215, 0.3240
Android (android.graphics.Color)	4291016121 (0xFFC3B5B9)
YUV	185.6420, -0.3165, 8.2070
Hunter-Lab	69.4824, 1.4843, 3.5729

Details

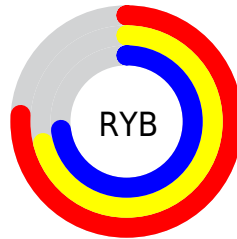
The CIELCh color $75, 5.685, 357.545$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 5.559, 176.403$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 5.737, 358.771$, and $55, 5.687, 356.211$ is the 20% darker color. If you saturate the color by 10%, you get $70, 13.891, 358.656$, and if you desaturate by 10%, it is $80, 2.184, 176.943$.

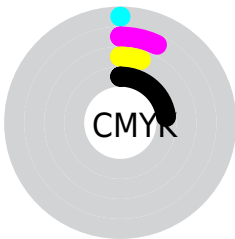
Distribution



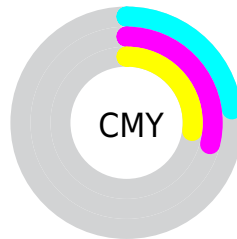
- Red (76%)
- Green (71%)
- Blue (73%)



- Red (76%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (23%)



- Cyan (23%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.685, 357.545 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, 5.685, 357.545 by changing the saturation by 10% instead.

■ 75, 5.685, 357.545

■ 75, 5.685, 357.545

■ 100, 5.685,
357.545

■ 65, 5.685, 357.545

■ 95, 5.685, 357.545

■ 55, 5.685, 357.545

■ 45, 5.685, 357.545

■ 35, 5.685, 357.545

■ 25, 5.685, 357.545

■ 15, 5.685, 357.545

■ 5, 5.685, 357.545

■ 0, 5.685, 357.545

■ 75, 5.685, 357.545

■ 75, 5.685, 357.545

70, 13.891,
358.656

80, 2.184, 176.943

65, 22.379,
359.894

86, 9.691, 175.968

60, 31.024, 1.356

91, 16.840,
175.226

55, 39.624, 3.128

96, 21.471,
178.476

51, 47.882, 5.321

96, 19.551,
198.147

47, 55.428, 8.081

96, 19.548,
198.216

44, 61.902, 11.575

42, 67.099, 15.946

41, 71.180, 21.166

Harmonies

Complementary

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



75, 5.685, 357.545



78, 5.559, 176.403

Rectangle

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



75, 5.685, 357.545



75, 5.685, 47.545



75, 5.685, 177.545



75, 5.685, 227.545

Sweetspot

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



75, 5.683, 357.557



99, 1.950, 356.858



75, 8.414, 316.009



53, 1.109, 356.834



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 5.683, 357.557



94, 8.897, 357.770



76, 4.476, 39.219



38, 4.487, 357.794



33, 62.282, 21.738



3, 14.560, 4.207

Inverse Universe

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



75, 5.683, 357.557



94, 8.897, 357.770



77, 4.286, 219.792



38, 4.487, 357.794



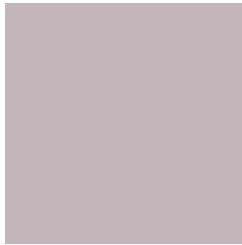
33, 62.282, 21.738



3, 14.560, 4.207

Previews

White Background



This preview shows how the CIELCh color 75, 5.685, 357.545 looks on a white background.

Color Contrast Check

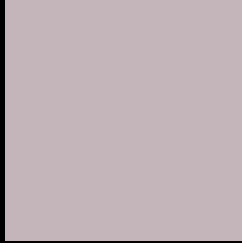
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 5.685, 357.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

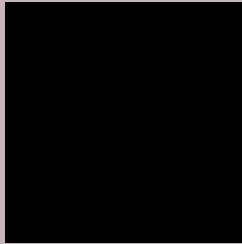
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

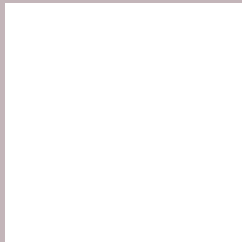
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 5.685, 357.545

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.685, 357.545.



This preview shows how white text looks on a background with the CIELCh color 75, 5.685, 357.545.

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, 5.685, 357.545

Protanopia

75, 1.981, 324.405

Deuteranopia

75, 9.445, 356.701



Tritanopia
75, 9.629, 328.489

Trichromacy



Original Color
75, 5.685, 357.545

Protanomaly
75, 3.084, 347.871

Deuteranomaly
75, 8.188, 356.853

Tritanomaly
75, 8.426, 335.315

Monochromacy



Original Color
75, 5.685, 357.545

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 2.163, 349.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 5.685, 357.545 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(195, 181, 185)` looks like.

```
.text, #text, p{  
    color:rgb(195, 181, 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(195, 181, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 181, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.685, 357.545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

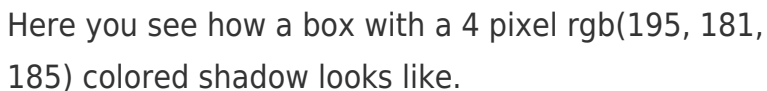
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 181, 185) }
```

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

```
.border{ border-color:rgb(195, 181, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 181, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 181, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 181, 185); box-shadow:4px 4px 4px 4px rgb(195, 181, 185) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.685, 357.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 181, 185) }
```

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

```
.background{ background-color: rgb(195,  
181, 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](#).

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