

Converting Colors

CIELCh(77, 9.698, 351.327)

Have a look what the booklet for
CIELCh(77, 9.698, 351.327) contains.

CIELCh(77, 9.853, 350.930)	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(77, 9.853, 350.930)

Conversions

Conversions Part 1

Format	Color
Hex	CFB8C1
RGB	207, 184, 193
RGB Percent	81%, 72%, 76%
CMY	0.1873, 0.2775, 0.2423
CMYK	0.00, 0.11, 0.07, 0.19
HSL	337°, 19%, 77%
HSV	337°, 11%, 81%
XYZ	52.6332, 51.5317, 57.7557
YIQ	191.9030, 10.8190, 7.6750

Conversions

Conversions Part 2

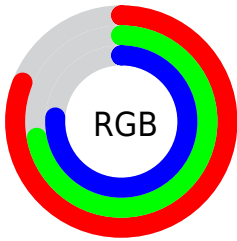
Format	Color
R _Y B	207, 184, 193
Decimal	13613249
CIE Lab	77.00, 9.73, -1.55
CIE LCh	77, 9.853, 350.930
Yxy	51.5317, 0.3251, 0.3183
Android (android.graphics.Color)	4291803329 (0xFFCFB8C1)
YUV	191.9030, 0.5408, 13.2401
Hunter-Lab	71.7856, 5.2512, 2.5477

Details

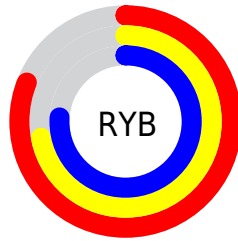
The CIELCh color $77, 9.853, 350.930$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 9.629, 169.005$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 7.049, 339.013$, and $57, 10.117, 350.125$ is the 20% darker color. If you saturate the color by 10%, you get $72, 18.996, 352.006$, and if you desaturate by 10%, it is $83, 0.965, 349.583$.

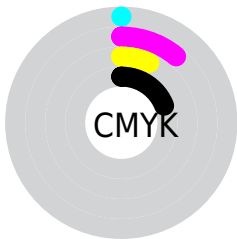
Distribution



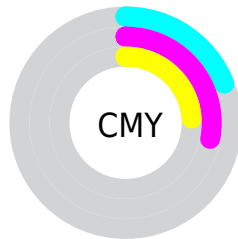
- Red (81%)
- Green (72%)
- Blue (76%)



- Red (81%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (19%)



- Cyan (19%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 9.853, 350.930 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 77, 9.853, 350.930 by changing the saturation by 10% instead.

77, 9.853, 350.930

77, 9.853, 350.930

100, 9.853,
350.930

67, 9.853, 350.930

97, 9.853, 350.930

57, 9.853, 350.930

47, 9.853, 350.930

37, 9.853, 350.930

27, 9.853, 350.930

17, 9.853, 350.930

7, 9.853, 350.930

0, 9.853, 350.930

77, 9.853, 350.930

77, 9.853, 350.930

72, 18.996,
352.006

83, 0.965, 349.583

66, 28.286,
353.221

88, 7.604, 169.291

61, 37.526,
354.641

94, 15.834,
168.513

57, 46.422,
356.344

97, 17.323,
178.757

53, 54.577,
358.435

97, 15.868,
198.451

49, 61.536, 1.058

47, 66.900, 4.385

45, 70.521, 8.586

44, 72.725, 12.977

Harmonies

Complementary

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



77, 9.853, 350.930



81, 9.629, 169.005

Rectangle

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



77, 9.853, 350.930



77, 9.853, 40.930



77, 9.853, 170.930



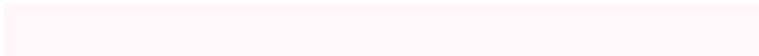
77, 9.853, 220.930

Sweetspot

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



77, 9.851, 350.936



98, 3.112, 350.056



77, 13.397, 312.939



52, 2.361, 350.165



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 9.851, 350.936



91, 13.696, 351.148



77, 7.942, 28.838



41, 5.059, 350.763



35, 62.180, 12.119



5, 20.940, 0.628

Inverse Universe

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



77, 9.851, 350.936



91, 13.696, 351.148



81, 7.389, 208.499



41, 5.059, 350.763



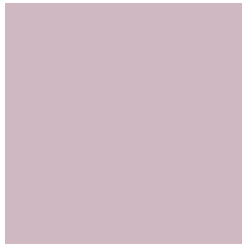
35, 62.180, 12.119



5, 20.940, 0.628

Previews

White Background



This preview shows how the CIELCh color 77, 9.853, 350.930 looks on a white background.

Color Contrast Check

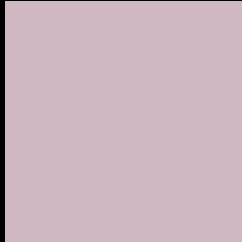
Large Text (above 18pt) WCAG AA × Fail

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 77, 9.853, 350.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

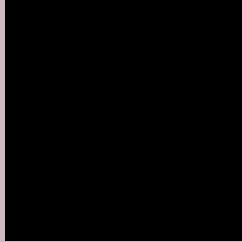
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 9.853, 350.930

Background



This preview shows how black text looks on a background with the CIELCh color 77, 9.853, 350.930.



This preview shows how white text looks on a background with the CIELCh color 77, 9.853, 350.930.

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

77, 9.853, 350.930

Protanopia

77, 3.936, 306.679

Deuteranopia

77, 9.853, 350.930



Tritanopia
77, 12.278, 339.517

Trichromacy



Original Color
77, 9.853, 350.930

Protanomaly
77, 5.938, 333.516

Deuteranomaly
77, 9.853, 350.930

Tritanomaly
77, 11.623, 343.550

Monochromacy



Original Color
77, 9.853, 350.930

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 3.718, 353.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 9.853, 350.930 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(207, 184, 193)` looks like.

```
.text, #text, p{  
    color:rgb(207, 184, 193)  
}
```

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(207, 184, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 184, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 9.853, 350.930 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(207, 184, 193) }
```

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

```
.border{ border-color:rgb(207, 184, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 184, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 184, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 184, 193);  
box-shadow:4px 4px 4px 4px rgb(207, 184,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 9.853, 350.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 184, 193) }
```

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

```
.background{ background-color: rgb(207,  
184, 193) }
```

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