

Converting Colors

CIELCh(77, 2.234, 349.821)

Have a look what the booklet for
CIELCh(77, 2.234, 349.821) contains.

CIELCh(77, 2.152, 349.439)	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, 2.152, 349.439)

Conversions

Conversions Part 1

Format	Color
Hex	C2BDBF
RGB	194, 189, 191
RGB Percent	76%, 74%, 75%
CMY	0.2398, 0.2594, 0.2516
CMYK	0.00, 0.03, 0.02, 0.24
HSL	336°, 4%, 75%
HSV	336°, 3%, 76%
XYZ	49.7589, 51.5317, 56.5244
YIQ	190.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

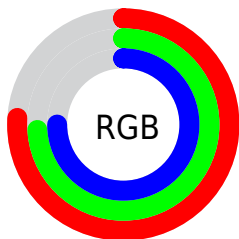
Format	Color
RYB	194, 189, 191
Decimal	12762559
CIELab	77.00, 2.12, -0.39
CIELCh	77, 2.152, 349.439
Yxy	51.5317, 0.3153, 0.3265
Android (android.graphics.Color)	4290952639 (0xFFC2BDBF)
YUV	190.7230, 0.1366, 2.8739
Hunter-Lab	71.7856, -1.8957, 3.5647

Details

The CIELCh color $77, 2.152, 349.439$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 2.129, 169.417$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 2.052, 349.337$, and $57, 1.954, 343.716$ is the 20% darker color. If you saturate the color by 10%, you get $72, 10.647, 350.554$, and if you desaturate by 10%, it is $82, 6.058, 168.902$.

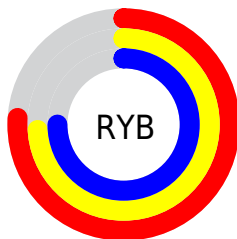
Distribution



Red (76%)

Green (74%)

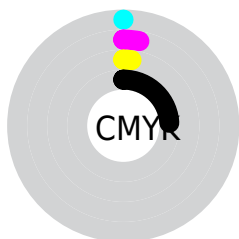
Blue (75%)



Red (76%)

Yellow (74%)

Blue (75%)

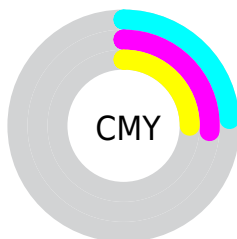


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (24%)



Cyan (24%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 2.152, 349.439 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, 2.152, 349.439 by changing the saturation by 10% instead.

■ 77, 2.152, 349.439

■ 77, 2.152, 349.439

100, 2.152,
349.439

■ 67, 2.152, 349.439

■ 97, 2.152, 349.439

■ 57, 2.152, 349.439

■ 47, 2.152, 349.439

■ 37, 2.152, 349.439

■ 27, 2.152, 349.439

■ 17, 2.152, 349.439

■ 7, 2.152, 349.439

■ 0, 2.152, 349.439

■ 77, 2.152, 349.439

■ 77, 2.152, 349.439

72, 10.647,
350.554

82, 6.058, 168.902

67, 19.372,
351.628

88, 13.950,
168.110

62, 28.206,
352.850

93, 21.525,
167.415

57, 36.951,
354.280

96, 22.700,
174.488

53, 45.317,
355.995

96, 20.500,
189.513

49, 52.916,
358.103

96, 19.960,
198.190

46, 59.315, 0.746

43, 64.156, 4.097

42, 67.331, 8.319

Harmonies

Complementary

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



77, 2.152, 349.439



78, 2.129, 169.417

Rectangle

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



77, 2.152, 349.439



77, 2.152, 39.439



77, 2.152, 169.439



77, 2.152, 219.439

Sweetspot

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



77, 2.150, 349.463



98, 1.035, 349.019



77, 2.919, 312.538



53, 0.594, 348.988



0, 0.000, 0.000



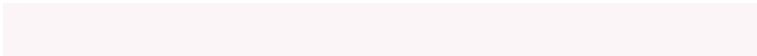
53, 0.007, 296.813

Same Dimension

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



77, 2.150, 349.463



97, 3.103, 349.535



77, 1.686, 28.344



40, 1.894, 349.629



34, 59.974, 11.096



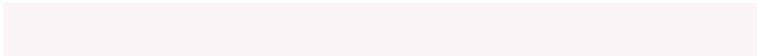
3, 15.097, 358.182

Inverse Universe

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



77, 2.150, 349.463



97, 3.103, 349.535



78, 1.660, 208.881



40, 1.894, 349.629



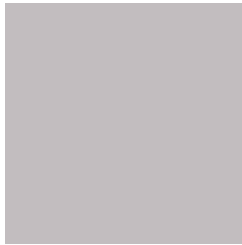
34, 59.974, 11.096



3, 15.097, 358.182

Previews

White Background



This preview shows how the CIELCh color 77, 2.152, 349.439 looks on a white background.

Color Contrast Check

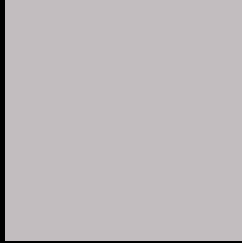
Large Text (above 18pt) WCAG AA × Fail

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 77, 2.152, 349.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

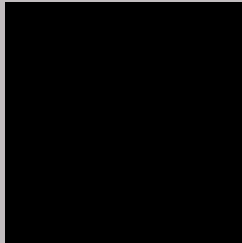
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

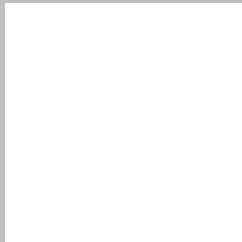
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 2.152, 349.439

Background



This preview shows how black text looks on a background with the CIELCh color 77, 2.152, 349.439.

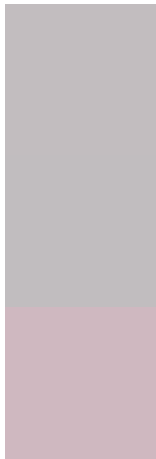


This preview shows how white text looks on a background with the CIELCh color 77, 2.152, 349.439.

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, 2.152, 349.439

Protanopia

77, 1.842, 343.604

Deuteranopia

77, 9.613, 353.733



Tritanopia
77, 8.739, 312.774

Trichromacy



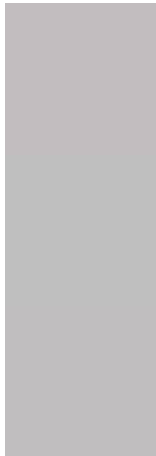
Original Color
77, 2.152, 349.439

Protanomaly
77, 1.842, 343.604

Deuteranomaly
77, 6.784, 351.633

Tritanomaly
77, 5.982, 315.912

Monochromacy



Original Color
77, 2.152, 349.439

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 0.924, 343.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 2.152, 349.439 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(194, 189, 191)` looks like.

```
.text, #text, p{  
    color:rgb(194, 189, 191)  
}
```

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(194, 189, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 189, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 2.152, 349.439 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(194, 189, 191) }
```

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

```
.border{ border-color:rgb(194, 189, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 189, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 189, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 189, 191);  
box-shadow:4px 4px 4px 4px rgb(194, 189,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 2.152, 349.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 189, 191) }
```

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

```
.background{ background-color: rgb(194,  
189, 191) }
```

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