

Converting Colors

CIELCh(77, 4.113, 48.953)

Have a look what the booklet for
CIELCh(77, 4.113, 48.953) contains.

CIELCh(77, 4.315, 49.257)	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, 4.315, 49.257)

Conversions

Conversions Part 1

Format	Color
Hex	C6BCB8
RGB	198, 188, 184
RGB Percent	78%, 74%, 72%
CMY	0.2229, 0.2621, 0.2778
CMYK	0.00, 0.05, 0.07, 0.22
HSL	17°, 11%, 75%
HSV	17°, 7%, 78%
XYZ	50.0190, 51.5317, 52.7468
YIQ	190.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

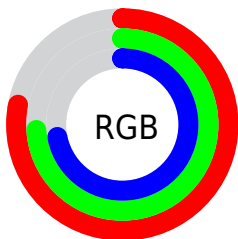
Format	Color
RYB	198, 190, 184
Decimal	13024440
CIELab	77.00, 2.82, 3.27
CIELCh	77, 4.315, 49.257
Yxy	51.5317, 0.3242, 0.3340
Android (android.graphics.Color)	4291214520 (0xFFC6BCB8)
YUV	190.5340, -3.2213, 6.5477
Hunter-Lab	71.7856, -1.2491, 6.6847

Details

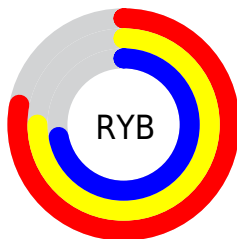
The CIELCh color $77, 4.315, 49.257$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 4.156, 230.412$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.410, 47.004$, and $57, 4.261, 51.821$ is the 20% darker color. If you saturate the color by 10%, you get $73, 10.829, 48.813$, and if you desaturate by 10%, it is $81, 1.732, 230.299$.

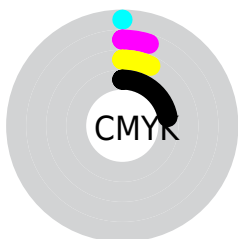
Distribution



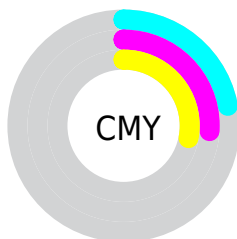
- Red (78%)
- Green (74%)
- Blue (72%)



- Red (78%)
- Yellow (75%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (22%)



- Cyan (22%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 4.315, 49.257 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, 4.315, 49.257 by changing the saturation by 10% instead.

■ 77, 4.315, 49.257

■ 77, 4.315, 49.257

■ 100, 4.315, 49.257

■ 67, 4.315, 49.257

■ 97, 4.315, 49.257

■ 57, 4.315, 49.257

■ 47, 4.315, 49.257

■ 37, 4.315, 49.257

■ 27, 4.315, 49.257

■ 17, 4.315, 49.257

■ 7, 4.315, 49.257

■ 0, 4.315, 49.257

■ 77, 4.315, 49.257

■ 77, 4.315, 49.257

73, 10.829, 48.813

81, 1.732, 230.299

69, 17.858, 48.363

85, 7.363, 230.710

65, 25.443, 48.001

90, 12.625,
231.339

61, 33.601, 47.758

94, 16.009,
217.866

58, 42.310, 47.648

54, 51.466, 47.658

96, 18.659,
198.272

51, 60.796, 47.709

48, 69.666, 47.561

46, 76.919, 46.765

Harmonies

Complementary

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



77, 4.315, 49.257



78, 4.156, 230.412

Rectangle

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



77, 4.315, 49.257



77, 4.315, 99.257



77, 4.315, 229.257



77, 4.315, 279.257

Sweetspot

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



77, 4.315, 49.288



99, 1.468, 49.283



76, 7.508, 334.047



53, 0.834, 49.267



0, 0.000, 0.000



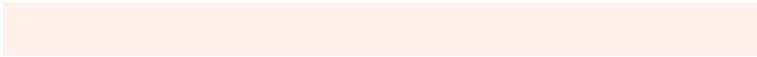
53, 0.007, 296.813

Same Dimension

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



77, 4.315, 49.288



96, 6.019, 49.243



79, 5.938, 98.553



40, 3.504, 49.186



38, 67.976, 47.075



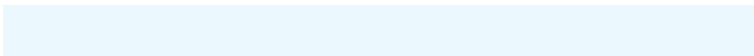
5, 13.635, 36.975

Inverse Universe

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



78, 4.156, 230.412



97, 5.761, 230.474



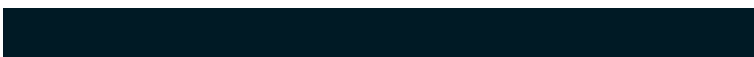
76, 5.991, 280.246



40, 3.328, 230.556



46, 34.193, 252.941



8, 11.283, 242.263

Previews

White Background



This preview shows how the CIELCh color 77, 4.315, 49.257 looks on a white background.

Color Contrast Check

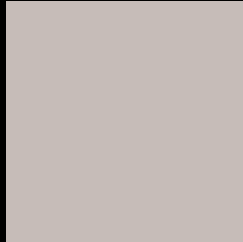
Large Text (above 18pt) WCAG AA × Fail

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, 4.315, 49.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

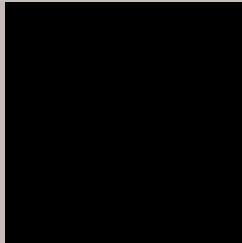
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 4.315, 49.257

Background



This preview shows how black text looks on a background with the CIELCh color 77, 4.315, 49.257.



This preview shows how white text looks on a background with the CIELCh color 77, 4.315, 49.257.

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, 4.315, 49.257

Protanopia

77, 3.086, 63.238

Deuteranopia

77, 9.876, 17.077



Tritanopia
77, 9.141, 324.795

Trichromacy



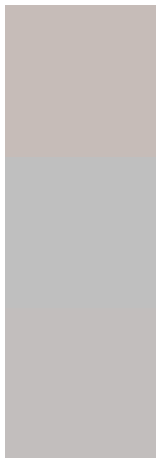
Original Color
77, 4.315, 49.257

Protanomaly
77, 3.369, 58.811

Deuteranomaly
77, 7.580, 23.979

Tritanomaly
77, 5.840, 339.811

Monochromacy



Original Color
77, 4.315, 49.257

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.570, 39.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 4.315, 49.257 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(198, 188, 184)` looks like.

```
.text, #text, p{  
    color:rgb(198, 188, 184)  
}
```

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(198, 188, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 188, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 4.315, 49.257 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(198, 188, 184) }
```

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

```
.border{ border-color:rgb(198, 188, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 188, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 188, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 188, 184);  
box-shadow:4px 4px 4px 4px rgb(198, 188,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 4.315, 49.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 188, 184) }
```

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

```
.background{ background-color: rgb(198,  
188, 184) }
```

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