

Converting Colors

CIELCh(77, 4.631, 352.102)

Have a look what the booklet for
CIELCh(77, 4.631, 352.102) contains.

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Color

CIELCh(77, 4.632, 352.110)

Conversions

Conversions Part 1

Format	Color
Hex	C6BBBF
RGB	198, 187, 191
RGB Percent	78%, 73%, 75%
CMY	0.2221, 0.2652, 0.2495
CMYK	0.00, 0.06, 0.04, 0.22
HSL	338°, 9%, 76%
HSV	338°, 6%, 78%
XYZ	50.6805, 51.5317, 56.7795
YIQ	190.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

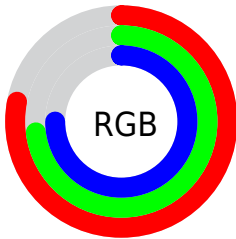
Format	Color
RYB	198, 187, 191
Decimal	13024191
CIELab	77.00, 4.59, -0.64
CIELCh	77, 4.632, 352.110
Yxy	51.5317, 0.3188, 0.3241
Android (android.graphics.Color)	4291214271 (0xFFC6BBBF)
YUV	190.7450, 0.1257, 6.3626
Hunter-Lab	71.7856, 0.3958, 3.3540

Details

The CIELCh color $77, 4.632, 352.110$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 4.565, 171.322$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.729, 354.009$, and $57, 4.574, 349.943$ is the 20% darker color. If you saturate the color by 10%, you get $72, 13.199, 353.178$, and if you desaturate by 10%, it is $82, 3.638, 171.466$.

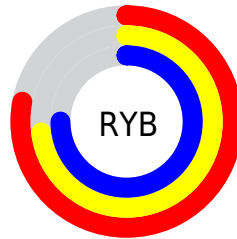
Distribution



Red (78%)

Green (73%)

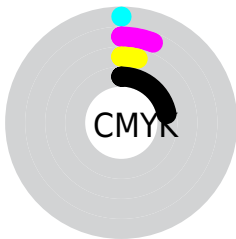
Blue (75%)



Red (78%)

Yellow (73%)

Blue (75%)

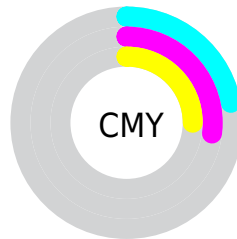


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 4.632, 352.110 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, 4.632, 352.110 by changing the saturation by 10% instead.

■ 77, 4.632, 352.110

■ 77, 4.632, 352.110

■ 100, 4.632,
352.110

■ 67, 4.632, 352.110

■ 97, 4.632, 352.110

■ 57, 4.632, 352.110

■ 47, 4.632, 352.110

■ 37, 4.632, 352.110

■ 27, 4.632, 352.110

■ 17, 4.632, 352.110

■ 7, 4.632, 352.110

■ 0, 4.632, 352.110

■ 77, 4.632, 352.110

■ 77, 4.632, 352.110

72, 13.199,
353.178

82, 3.638, 171.466

66, 21.998,
354.329

88, 11.574,
170.595

61, 30.894,
355.661

94, 19.175,
169.868

57, 39.669,
357.246

96, 20.354,
178.788

53, 48.005,
359.175

96, 18.622,
197.498

49, 55.501, 1.576

96, 18.596,
198.276

46, 61.737, 4.610

44, 66.427, 8.454

42, 69.609, 13.227

Harmonies

Complementary

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



77, 4.632, 352.110



79, 4.565, 171.322

Rectangle

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



77, 4.632, 352.110



77, 4.632, 42.110



77, 4.632, 172.110



77, 4.632, 222.110

Sweetspot

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



77, 4.630, 352.122



99, 2.038, 351.631



77, 6.469, 313.788



53, 1.159, 351.608



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, 4.630, 352.122



95, 7.185, 352.290



77, 3.642, 31.961



40, 3.809, 352.333



34, 61.157, 14.633



4, 16.825, 0.919

Inverse Universe

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



77, 4.630, 352.122



95, 7.185, 352.290



79, 3.519, 212.185



40, 3.809, 352.333



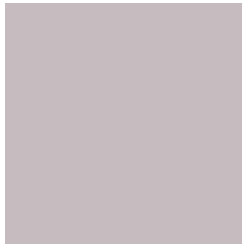
34, 61.157, 14.633



4, 16.825, 0.919

Previews

White Background



This preview shows how the CIELCh color 77, 4.632, 352.110 looks on a white background.

Color Contrast Check

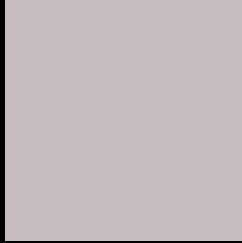
Large Text (above 18pt) WCAG AA × Fail

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, 4.632, 352.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

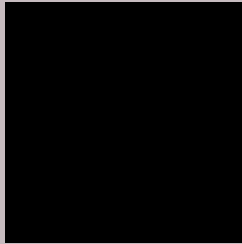
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

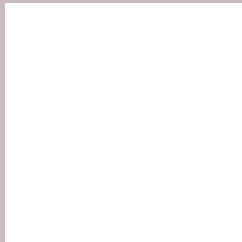
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 4.632, 352.110

Background



This preview shows how black text looks on a background with the CIELCh color 77, 4.632, 352.110.

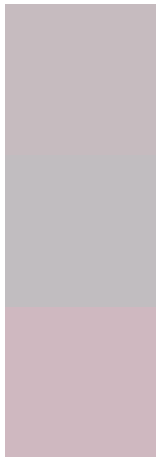


This preview shows how white text looks on a background with the CIELCh color 77, 4.632, 352.110.

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, 4.632, 352.110

Protanopia

77, 2.203, 332.329

Deuteranopia

77, 9.613, 353.733



Tritanopia
77, 9.587, 322.992

Trichromacy



Original Color
77, 4.632, 352.110

Protanomaly
77, 3.384, 340.156

Deuteranomaly
77, 8.030, 352.200

Tritanomaly
77, 7.637, 329.317

Monochromacy



Original Color
77, 4.632, 352.110

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.582, 359.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 4.632, 352.110 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, 187, 191)` looks like.

```
.text, #text, p{  
    color:rgb(198, 187, 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(198, 187, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 187, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 4.632, 352.110 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, 187, 191) }
```

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

```
.border{ border-color:rgb(198, 187, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 187, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 187, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 187, 191);  
box-shadow:4px 4px 4px 4px rgb(198, 187,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 4.632, 352.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 187, 191) }
```

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

```
.background{ background-color: rgb(198,  
187, 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](#).

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