

Converting Colors

CIELCh(77, 3.474, 230.175)

Have a look what the booklet for
CIELCh(77, 3.474, 230.175) contains.

CIELCh(77, 3.608, 225.863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 3.608, 225.863)

Conversions

Conversions Part 1

Format	Color
Hex	B7C0C3
RGB	183, 192, 195
RGB Percent	72%, 75%, 76%
CMY	0.2835, 0.2482, 0.2364
CMYK	0.06, 0.02, 0.00, 0.24
HSL	195°, 9%, 74%
HSV	195°, 6%, 76%
XYZ	48.0642, 51.5317, 58.8717
YIQ	189.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

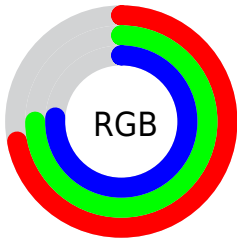
Format	Color
RYB	183, 188, 195
Decimal	12042435
CIELab	77.00, -2.51, -2.59
CIELCh	77, 3.608, 225.863
Yxy	51.5317, 0.3033, 0.3252
Android (android.graphics.Color)	4290232515 (0xFFB7C0C3)
YUV	189.6510, 2.6371, -5.8329
Hunter-Lab	71.7856, -6.1099, 1.6259

Details

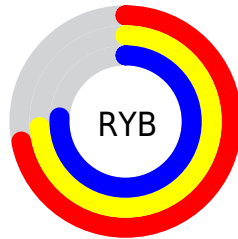
The CIELCh color $77, 3.608, 225.863$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 3.735, 44.984$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 3.695, 233.059$, and $57, 3.608, 217.647$ is the 20% darker color. If you saturate the color by 10%, you get $74, 9.237, 226.375$, and if you desaturate by 10%, it is $80, 2.287, 44.994$.

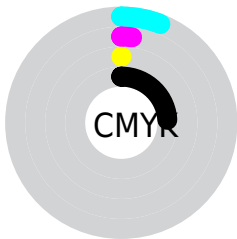
Distribution



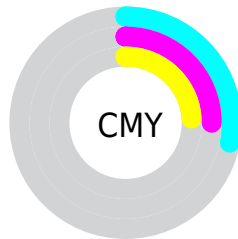
- Red (72%)
- Green (75%)
- Blue (76%)



- Red (72%)
- Yellow (74%)
- Blue (76%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 3.608, 225.863 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, 3.608, 225.863 by changing the saturation by 10% instead.

■ 77, 3.608, 225.863

■ 77, 3.608, 225.863

■ 100, 3.608,
225.863

■ 67, 3.608, 225.863

■ 97, 3.608, 225.863

■ 57, 3.608, 225.863

■ 47, 3.608, 225.863

■ 37, 3.608, 225.863

■ 27, 3.608, 225.863

■ 17, 3.608, 225.863

■ 7, 3.608, 225.863

■ 0, 3.608, 225.863

■ 77, 3.608, 225.863

■ 77, 3.608, 225.863

74, 9.237, 226.375

80, 2.287, 44.994

72, 14.527,
227.192

83, 8.387, 44.816

69, 19.400,
228.283

85, 14.638, 44.598

67, 23.775,
229.708

88, 18.990, 47.039

65, 27.582,
231.546

89, 18.717, 56.175

63, 30.768,
233.885

90, 18.935, 65.319

61, 33.324,
236.816

91, 19.626, 74.010

59, 35.297,
240.412

93, 20.738, 81.908

57, 36.815,
244.681

94, 22.203, 88.848

Harmonies

Complementary

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



77, 3.608, 225.863



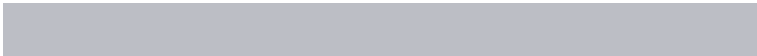
76, 3.735, 44.984

Rectangle

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



77, 3.608, 225.863



77, 3.608, 275.863



77, 3.608, 45.863



77, 3.608, 95.863

Sweetspot

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



77, 3.608, 225.832



98, 1.461, 225.908



78, 6.661, 151.369



53, 0.838, 225.925



0, 0.000, 0.000



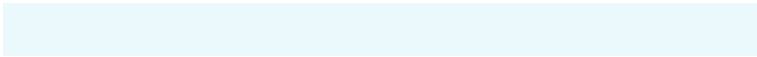
53, 0.007, 296.813

Same Dimension

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



77, 3.608, 225.832



97, 5.050, 225.865



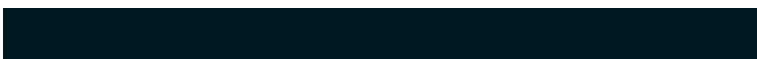
75, 4.868, 276.883



40, 2.638, 225.880



47, 32.284, 245.650



7, 10.357, 236.578

Inverse Universe

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



76, 6.607, 332.677



95, 9.275, 332.745



78, 4.838, 95.331



39, 4.849, 332.772



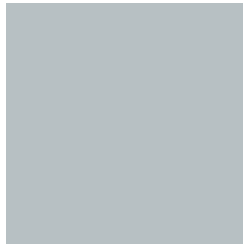
36, 67.703, 341.167



4, 19.105, 337.289

Previews

White Background



This preview shows how the CIELCh color 77, 3.608, 225.863 looks on a white background.

Color Contrast Check

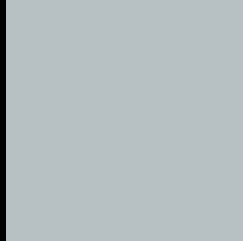
Large Text (above 18pt) WCAG AA × Fail

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, 3.608, 225.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

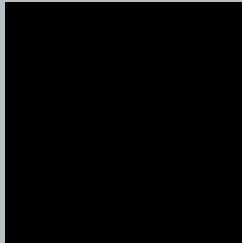
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

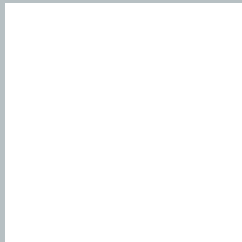
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 3.608, 225.863

Background



This preview shows how black text looks on a background with the CIELCh color 77, 3.608, 225.863.



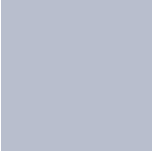
This preview shows how white text looks on a background with the CIELCh color 77, 3.608, 225.863.

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





Tritanopia
77, 8.293, 276.078

Trichromacy



Original Color
77, 3.608, 225.863

Protanomaly
77, 2.180, 280.763

Deuteranomaly
77, 6.107, 327.517

Tritanomaly
77, 5.881, 265.499

Monochromacy



Original Color
77, 3.608, 225.863

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.219, 225.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 3.608, 225.863 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(183, 192, 195)` looks like.

```
.text, #text, p{  
    color:rgb(183, 192, 195)  
}
```

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(183, 192, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 192, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 3.608, 225.863 is called "border". The border property can be set on classes, ids or directly on the HTML element.

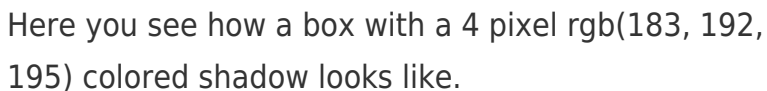
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 192, 195) }
```

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

```
.border{ border-color:rgb(183, 192, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 192, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 192, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 192, 195); box-shadow:4px 4px 4px 4px rgb(183, 192, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 3.608, 225.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 192, 195) }
```

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

```
.background{ background-color: rgb(183,  
192, 195) }
```

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