

Converting Colors

CIELCh(78, 5.443, 80.336)

Have a look what the booklet for
CIELCh(78, 5.443, 80.336) contains.

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Color

CIELCh(78, 5.463, 80.806)

Conversions

Conversions Part 1

Format	Color
Hex	C7C0B7
RGB	199, 192, 183
RGB Percent	78%, 75%, 72%
CMY	0.2199, 0.2473, 0.2827
CMYK	0.00, 0.04, 0.08, 0.22
HSL	34°, 12%, 75%
HSV	34°, 8%, 78%
XYZ	50.9040, 53.2120, 52.3454
YIQ	193.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

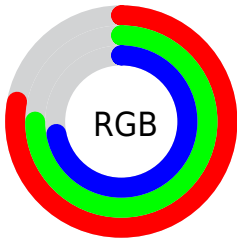
Format	Color
RYB	195, 199, 183
Decimal	13090999
CIELab	78.00, 0.87, 5.39
CIElCh	78, 5.463, 80.806
Yxy	53.2120, 0.3253, 0.3401
Android (android.graphics.Color)	4291281079 (0xFFC7C0B7)
YUV	193.0670, -4.9630, 5.2032
Hunter-Lab	72.9466, -3.0946, 8.5169

Details

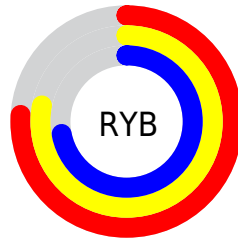
The CIELCh color $78, 5.463, 80.806$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 5.409, 263.008$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 5.196, 81.002$, and $58, 5.628, 84.107$ is the 20% darker color. If you saturate the color by 10%, you get $75, 12.488, 79.575$, and if you desaturate by 10%, it is $81, 1.317, 262.376$.

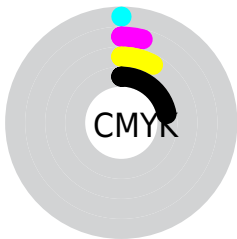
Distribution



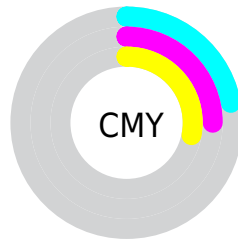
- Red (78%)
- Green (75%)
- Blue (72%)



- Red (76%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.463, 80.806 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 78, 5.463, 80.806 by changing the saturation by 10% instead.

 78, 5.463, 80.806

 78, 5.463, 80.806

 100, 5.463, 80.806

 68, 5.463, 80.806

 98, 5.463, 80.806

 58, 5.463, 80.806

 48, 5.463, 80.806

 38, 5.463, 80.806

 28, 5.463, 80.806

 18, 5.463, 80.806

 8, 5.463, 80.806

 0, 5.463, 80.806

 78, 5.463, 80.806

 78, 5.463, 80.806

75, 12.488, 79.575

81, 1.317, 262.376

73, 19.768, 78.266

84, 7.873, 263.382

70, 27.300, 76.923

86, 14.225,
264.524

67, 35.051, 75.547

89, 17.063,
259.153

65, 42.930, 74.126

63, 50.733, 72.621

91, 15.434,
240.136

60, 58.059, 70.943

94, 15.694,
219.617

58, 64.214, 68.908

56, 68.467, 66.300

96, 17.710,
201.988

96, 18.429,
198.287

Harmonies

Complementary

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



78, 5.463, 80.806



77, 5.409, 263.008

Rectangle

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



78, 5.463, 80.806



78, 5.463, 130.806



78, 5.463, 260.806



78, 5.463, 310.806

Sweetspot

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



78, 5.464, 80.829



99, 1.638, 81.409



76, 7.127, 347.072



53, 0.931, 81.409



0, 0.000, 0.000



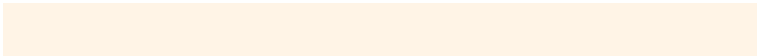
53, 0.007, 296.813

Same Dimension

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



78, 5.464, 80.829



97, 8.345, 80.573



80, 8.495, 111.436



41, 3.862, 80.667



46, 59.698, 66.361



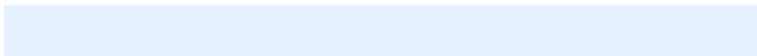
8, 13.105, 65.427

Inverse Universe

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



77, 5.409, 263.008



95, 8.227, 263.296



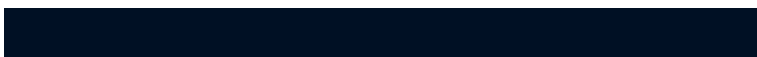
75, 8.659, 292.896



40, 3.813, 263.189



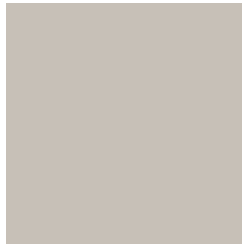
32, 57.871, 289.213



4, 15.037, 275.120

Previews

White Background



This preview shows how the CIELCh color 78, 5.463, 80.806 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 78, 5.463, 80.806 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 78, 5.463, 80.806

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.463, 80.806.

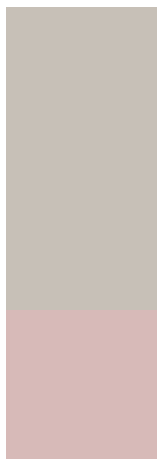


This preview shows how white text looks on a background with the CIELCh color 78, 5.463, 80.806.

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


78, 5.463, 80.806

Protanopia

78, 5.463, 80.806

Deuteranopia

78, 11.119, 25.727



Tritanopia
78, 9.370, 321.084

Trichromacy



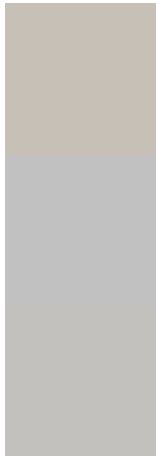
Original Color
78, 5.463, 80.806

Protanomaly
78, 5.463, 80.806

Deuteranomaly
78, 8.256, 34.892

Tritanomaly
78, 5.200, 341.635

Monochromacy



Original Color
78, 5.463, 80.806

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.246, 90.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.463, 80.806 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(199, 192, 183)` looks like.

```
.text, #text, p{  
    color:rgb(199, 192, 183)  
}
```

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(199, 192, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.463, 80.806 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(199, 192, 183) }
```

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

```
.border{ border-color:rgb(199, 192, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 192, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 192, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 192, 183);  
box-shadow:4px 4px 4px 4px rgb(199, 192,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.463, 80.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 192, 183) }
```

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

```
.background{ background-color: rgb(199,  
192, 183) }
```

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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