

Converting Colors

CIELCh(68, 15.855, 12.996)

Have a look what the booklet for
CIELCh(68, 15.855, 12.996) contains.

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Color

CIELCh(68, 15.875, 13.007)

Conversions

Conversions Part 1

Format	Color
Hex	C49CA0
RGB	196, 156, 160
RGB Percent	77%, 61%, 63%
CMY	0.2320, 0.3888, 0.3731
CMYK	0.00, 0.20, 0.18, 0.23
HSL	354°, 25%, 69%
HSV	354°, 20%, 77%
XYZ	40.9172, 37.9720, 38.3599
YIQ	168.4160, 22.5560, 9.7240

Conversions

Conversions Part 2

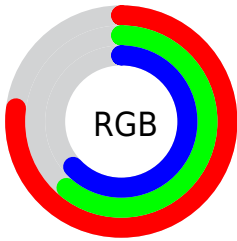
Format	Color
R _Y B	196, 156, 160
Decimal	12885152
CIE Lab	68.00, 15.47, 3.57
CIE LCh	68, 15.875, 13.007
Yxy	37.9720, 0.3490, 0.3239
Android (android.graphics.Color)	4291075232 (0xFFC49CA0)
YUV	168.4160, -4.1491, 24.1912
Hunter-Lab	61.6215, 10.6880, 6.2264

Details

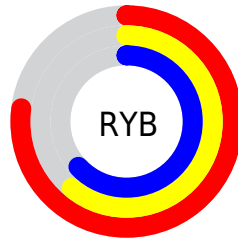
The CIELCh color **68, 15.875, 13.007** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 14.249, 189.618**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 15.700, 12.990**, and **48, 15.835, 12.978** is the 20% darker color. If you saturate the color by 10%, you get **63, 24.373, 14.279**, and if you desaturate by 10%, it is **73, 7.842, 11.962**.

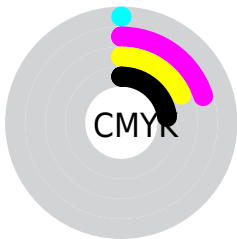
Distribution



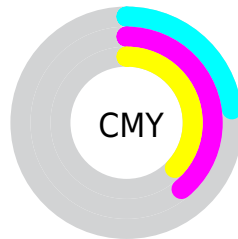
- Red (77%)
- Green (61%)
- Blue (63%)



- Red (77%)
- Yellow (61%)
- Blue (63%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (23%)



- Cyan (23%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 15.875, 13.007 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 68, 15.875, 13.007 by changing the saturation by 10% instead.

68, 15.875, 13.007

68, 15.875, 13.007

100, 15.875,
13.007

58, 15.875, 13.007

88, 15.875, 13.007

48, 15.875, 13.007

98, 15.875, 13.007

38, 15.875, 13.007

28, 15.875, 13.007

18, 15.875, 13.007

8, 15.875, 13.007

0, 15.875, 13.007

68, 15.875, 13.007

68, 15.875, 13.007

63, 24.373, 14.279

73, 7.842, 11.962

■ 58, 33.260, 15.854

■ 79, 0.307, 9.474

■ 53, 42.372, 17.847

■ 84, 6.743, 190.564

■ 49, 51.466, 20.384

■ 90, 13.338,
189.927

■ 46, 60.237, 23.589

■ 96, 19.519,
189.398

■ 43, 68.384, 27.514

■ 42, 75.632, 31.983

■ 96, 19.362,
198.228

■ 41, 81.476, 36.030

Harmonies

Complementary

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



68, 15.875, 13.007



76, 14.249, 189.618

Rectangle

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



68, 15.875, 13.007



68, 15.875, 63.007



68, 15.875, 193.007



68, 15.875, 243.007

Sweetspot

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



68, 15.873, 13.013



96, 5.517, 11.530



69, 25.614, 322.692



51, 3.668, 11.599



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 15.873, 13.013



83, 24.453, 13.610



72, 12.943, 61.813



38, 4.216, 11.857



33, 69.799, 35.353



3, 14.081, 13.961

Inverse Universe

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



68, 15.873, 13.013



83, 24.453, 13.610



72, 11.856, 246.454



38, 4.216, 11.857



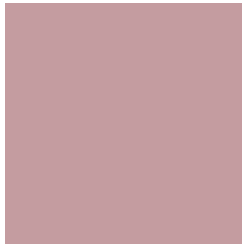
33, 69.799, 35.353



3, 14.081, 13.961

Previews

White Background



This preview shows how the CIELCh color 68, 15.875, 13.007 looks on a white background.

Color Contrast Check

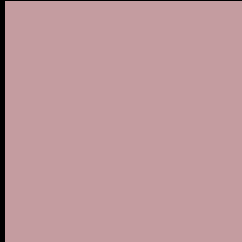
Large Text (above 18pt) WCAG AA × Fail

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 68, 15.875, 13.007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

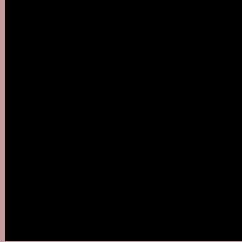
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 15.875, 13.007

Background



This preview shows how black text looks on a background with the CIELCh color 68, 15.875, 13.007.



This preview shows how white text looks on a background with the CIELCh color 68, 15.875, 13.007.

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

68, 15.875, 13.007

Protanopia

68, 1.522, 19.226

Deuteranopia

68, 9.806, 23.434



Tritanopia
68, 17.514, 359.136

Trichromacy



Original Color
68, 15.875, 13.007

Protanomaly
68, 6.588, 15.167

Deuteranomaly
68, 12.184, 17.933

Tritanomaly
68, 17.075, 4.341

Monochromacy



Original Color
68, 15.875, 13.007

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.408, 13.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 15.875, 13.007 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(196, 156, 160)` looks like.

```
.text, #text, p{  
    color:rgb(196, 156, 160)  
}
```

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(196, 156, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 156, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 15.875, 13.007 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(196, 156, 160) }
```

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

```
.border{ border-color:rgb(196, 156, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 156, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 156, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 156, 160);  
box-shadow:4px 4px 4px 4px rgb(196, 156,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 15.875, 13.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 156, 160) }
```

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

```
.background{ background-color: rgb(196,  
156, 160) }
```

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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