

Converting Colors

CIELCh(67, 13.462, 7.463)

Have a look what the booklet for
CIELCh(67, 13.462, 7.463) contains.

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Color

CIELCh(67, 13.188, 8.661)

Conversions

Conversions Part 1

Format	Color
Hex	BC9BA0
RGB	188, 155, 160
RGB Percent	74%, 61%, 63%
CMY	0.2631, 0.3925, 0.3729
CMYK	0.00, 0.18, 0.15, 0.26
HSL	351°, 20%, 67%
HSV	351°, 18%, 74%
XYZ	38.7645, 36.6320, 38.2483
YIQ	165.4370, 18.0630, 8.5510

Conversions

Conversions Part 2

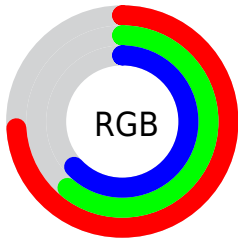
Format	Color
RYB	188, 155, 160
Decimal	12360608
CIELab	67.00, 13.04, 1.99
CIELCh	67, 13.188, 8.661
Yxy	36.6320, 0.3411, 0.3223
Android (android.graphics.Color)	4290550688 (0xFFBC9BA0)
YUV	165.4370, -2.6804, 19.7878
Hunter-Lab	60.5244, 8.4077, 4.8987

Details

The CIELCh color **67, 13.188, 8.661** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 12.170, 185.577**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 13.169, 8.998**, and **47, 12.948, 7.994** is the 20% darker color. If you saturate the color by 10%, you get **62, 21.264, 9.907**, and if you desaturate by 10%, it is **72, 5.514, 7.598**.

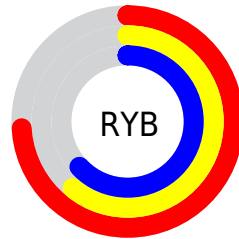
Distribution



Red (74%)

Green (61%)

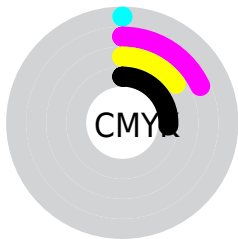
Blue (63%)



Red (74%)

Yellow (61%)

Blue (63%)

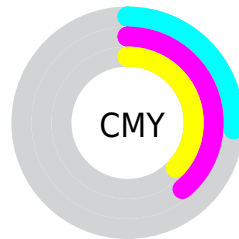


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (26%)



Cyan (26%)

Magenta (39%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 13.188, 8.661 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 67, 13.188, 8.661 by changing the saturation by 10% instead.

67, 13.188, 8.661

67, 13.188, 8.661

100, 13.188, 8.661

57, 13.188, 8.661

87, 13.188, 8.661

47, 13.188, 8.661

97, 13.188, 8.661

37, 13.188, 8.661

27, 13.188, 8.661

17, 13.188, 8.661

7, 13.188, 8.661

0, 13.188, 8.661

67, 13.188, 8.661

67, 13.188, 8.661

62, 21.264, 9.907

72, 5.514, 7.598

57, 29.669, 11.417

78, 1.725, 187.119

53, 38.252, 13.294

83, 8.538, 186.152

49, 46.779, 15.662

88, 14.947,
185.486

45, 54.955, 18.660

94, 20.987,
184.913

42, 62.482, 22.411

40, 69.164, 26.917

96, 21.711,
198.080

39, 74.966, 31.835

39, 76.345, 32.920

Harmonies

Complementary

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



67, 13.188, 8.661



74, 12.170, 185.577

Rectangle

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



67, 13.188, 8.661



67, 13.188, 58.661



67, 13.188, 188.661



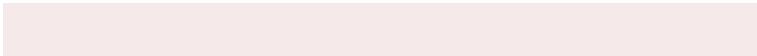
67, 13.188, 238.661

Sweetspot

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



67, 13.186, 8.668



93, 4.490, 7.327



67, 20.881, 320.582



49, 3.069, 7.407



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 13.186, 8.668



83, 19.759, 9.111



70, 10.606, 54.310



37, 4.171, 7.785



33, 66.697, 32.198



3, 12.418, 10.751

Inverse Universe

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



67, 13.186, 8.668



83, 19.759, 9.111



71, 9.680, 237.442



37, 4.171, 7.785



33, 66.697, 32.198



3, 12.418, 10.751

Previews

White Background



This preview shows how the CIELCh color 67, 13.188, 8.661 looks on a white background.

Color Contrast Check

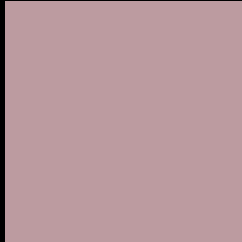
Large Text (above 18pt) WCAG AA × Fail

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 67, 13.188, 8.661 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 67, 13.188, 8.661

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.188, 8.661.



This preview shows how white text looks on a background with the CIELCh color 67, 13.188, 8.661.

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

67, 13.188, 8.661

Protanopia

67, 1.894, 343.657

Deuteranopia

67, 8.593, 16.490



Tritanopia
67, 15.025, 354.860

Trichromacy



Original Color
67, 13.188, 8.661

Protanomaly
67, 6.184, 359.047

Deuteranomaly
67, 10.217, 14.163

Tritanomaly
67, 14.630, 358.795

Monochromacy



Original Color
67, 13.188, 8.661

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 4.744, 6.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.188, 8.661 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(188, 155, 160)` looks like.

```
.text, #text, p{  
    color:rgb(188, 155, 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(188, 155, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 155, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.188, 8.661 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(188, 155, 160) }
```

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

```
.border{ border-color:rgb(188, 155, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 155, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 155, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 155, 160);  
box-shadow:4px 4px 4px 4px rgb(188, 155,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.188, 8.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 155, 160) }
```

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

```
.background{ background-color: rgb(188,  
155, 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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