

Converting Colors

CIELCh(67, 12.780, 26.718)

Have a look what the booklet for
CIELCh(67, 12.780, 26.718) contains.

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Color

CIELCh(67, 12.844, 27.857)

Conversions

Conversions Part 1

Format	Color
Hex	BC9C99
RGB	188, 156, 153
RGB Percent	74%, 61%, 60%
CMY	0.2639, 0.3893, 0.4011
CMYK	0.00, 0.17, 0.19, 0.26
HSL	5°, 21%, 67%
HSV	5°, 19%, 74%
XYZ	38.2394, 36.6320, 35.0752
YIQ	165.2260, 20.0350, 5.8510

Conversions

Conversions Part 2

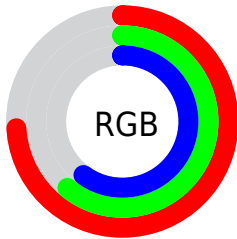
Format	Color
RYB	188, 156, 153
Decimal	12360857
CIELab	67.00, 11.36, 6.00
CIElCh	67, 12.844, 27.857
Yxy	36.6320, 0.3478, 0.3332
Android (android.graphics.Color)	4290550937 (0xFFBC9C99)
YUV	165.2260, -6.0274, 19.9728
Hunter-Lab	60.5244, 6.8589, 8.0072

Details

The CIELCh color $67, 12.844, 27.857$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $73, 11.338, 206.879$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 12.898, 29.528$, and $47, 12.648, 28.842$ is the 20% darker color. If you saturate the color by 10%, you get $62, 20.554, 28.508$, and if you desaturate by 10%, it is $72, 5.714, 27.373$.

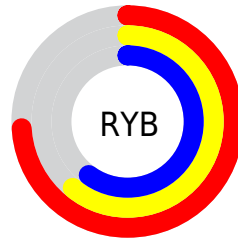
Distribution



Red (74%)

Green (61%)

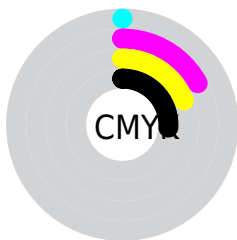
Blue (60%)



Red (74%)

Yellow (61%)

Blue (60%)

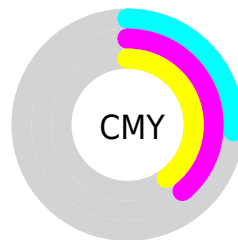


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (26%)



Cyan (26%)

Magenta (39%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 12.844, 27.857 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, 12.844, 27.857 by changing the saturation by 10% instead.

■ 67, 12.844, 27.857

■ 67, 12.844, 27.857

■ 100, 12.844,
27.857

■ 57, 12.844, 27.857

■ 87, 12.844, 27.857

■ 47, 12.844, 27.857

■ 97, 12.844, 27.857

■ 37, 12.844, 27.857

■ 27, 12.844, 27.857

■ 17, 12.844, 27.857

■ 7, 12.844, 27.857

■ 0, 12.844, 27.857

■ 67, 12.844, 27.857

■ 67, 12.844, 27.857

■ 62, 20.554, 28.508

■ 72, 5.714, 27.373

■ 58, 28.851, 29.383

■ 77, 0.866, 207.777

■ 53, 37.693, 30.563

■ 82, 6.941, 207.043

■ 50, 46.973, 32.117

■ 87, 12.565,
206.890

■ 46, 56.489, 34.088

■ 92, 17.789,
206.819

■ 43, 65.882, 36.416

■ 41, 74.434, 38.768

■ 96, 21.770,
198.076

■ 40, 80.970, 40.609

■ 40, 81.817, 40.948

Harmonies

Complementary

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



67, 12.844, 27.857



73, 11.338, 206.879

Rectangle

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



67, 12.844, 27.857



67, 12.844, 77.857



67, 12.844, 207.857



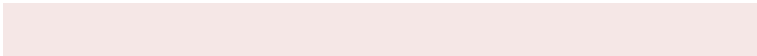
67, 12.844, 257.857

Sweetspot

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



67, 12.843, 27.866



93, 4.874, 27.244



67, 21.953, 327.822



49, 3.240, 27.279



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, 12.843, 27.866



83, 19.097, 28.082



71, 12.515, 81.480



37, 3.776, 27.407



33, 71.617, 40.899



3, 11.558, 24.660

Inverse Universe

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



73, 11.338, 206.879



92, 16.404, 206.835



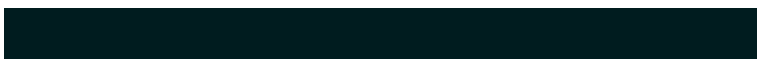
68, 12.216, 266.557



39, 3.556, 207.068



55, 31.623, 211.182



8, 10.412, 208.693

Previews

White Background



This preview shows how the CIELCh color 67, 12.844, 27.857 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 67, 12.844, 27.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

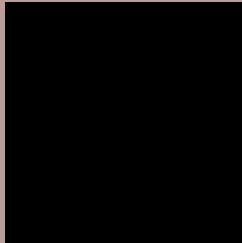
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 12.844, 27.857

Background



This preview shows how black text looks on a background with the CIELCh color 67, 12.844, 27.857.



This preview shows how white text looks on a background with the CIELCh color 67, 12.844, 27.857.

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, 12.844, 27.857

Protanopia

67, 4.296, 82.926

Deuteranopia

67, 10.477, 38.479



Tritanopia
67, 15.025, 354.860

Trichromacy



Original Color
67, 12.844, 27.857

Protanomaly
67, 6.482, 44.873

Deuteranomaly
67, 11.487, 34.119

Tritanomaly
67, 13.670, 6.792

Monochromacy



Original Color
67, 12.844, 27.857

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.272, 27.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 12.844, 27.857 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, 156, 153)` looks like.

```
.text, #text, p{  
    color:rgb(188, 156, 153)  
}
```

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, 156, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 156, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 12.844, 27.857 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, 156, 153) }
```

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

```
.border{ border-color:rgb(188, 156, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 156, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(188, 156,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 12.844, 27.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 156, 153) }
```

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

```
.background{ background-color: rgb(188,  
156, 153) }
```

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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