

Converting Colors

CIELCh(68, 26.094, 104.258)

Have a look what the booklet for
CIELCh(68, 26.094, 104.258)
contains.

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Color

CIELCh(68, 26.107, 104.716)

Conversions

Conversions Part 1

Format	Color
Hex	ABA878
RGB	171, 168, 120
RGB Percent	67%, 66%, 47%
CMY	0.3298, 0.3415, 0.5298
CMYK	0.00, 0.02, 0.30, 0.33
HSL	56°, 23%, 57%
HSV	56°, 30%, 67%
XYZ	34.1442, 37.9720, 23.2709
YIQ	163.4250, 17.1960, -14.2920

Conversions

Conversions Part 2

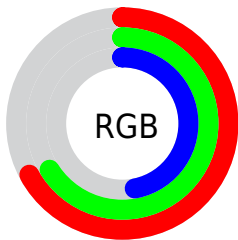
Format	Color
RYB	123, 171, 120
Decimal	11249784
CIELab	68.00, -6.63, 25.25
CIELCh	68, 26.107, 104.716
Yxy	37.9720, 0.3580, 0.3981
Android (android.graphics.Color)	4289439864 (0xFFABA878)
YUV	163.4250, -21.4085, 6.6433
Hunter-Lab	61.6215, -8.9315, 20.7446

Details

The CIELCh color **68, 26.107, 104.716** is a light color, and the websafe version is hex **999966**. A complement of this color would be **53, 27.791, 291.460**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 25.891, 104.560**, and **48, 25.982, 104.615** is the 20% darker color. If you saturate the color by 10%, you get **67, 34.628, 103.713**, and if you desaturate by 10%, it is **69, 17.419, 105.734**.

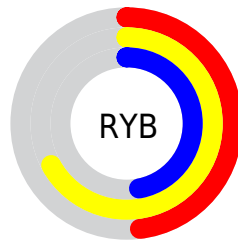
Distribution



Red (67%)

Green (66%)

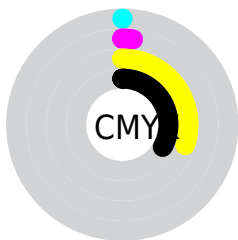
Blue (47%)



Red (48%)

Yellow (67%)

Blue (47%)

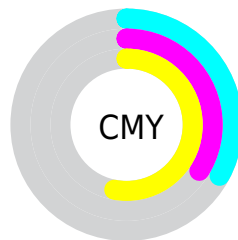


Cyan (0%)

Magenta (2%)

Yellow (30%)

Black (33%)



Cyan (33%)


Magenta (34%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 26.107, 104.716 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, 26.107, 104.716 by changing the saturation by 10% instead.


 68, 26.107,
104.716


 68, 26.107,
104.716


 100, 26.107,
104.716


 58, 26.107,
104.716


 88, 26.107,
104.716

 48, 26.107,
104.716

 98, 26.107,
104.716

 38, 26.107,
104.716

 28, 26.107,
104.716

 18, 26.107,
104.716

 8, 26.107, 104.716

 0, 26.107, 104.716

■ 68, 26.107,
104.716

■ 68, 26.107,
104.716

■ 67, 34.628,
103.713

■ 69, 17.419,
105.734

■ 67, 42.837,
102.732

■ 69, 8.647, 106.738

■ 70, 0.152, 288.250

■ 66, 50.516,
101.798

■ 71, 8.944, 288.709

■ 66, 57.339,
100.939

■ 72, 17.705,
289.634

■ 66, 62.872,
100.181

■ 72, 26.421,
290.524

■ 65, 66.657, 99.545

■ 73, 35.083,
291.374

■ 65, 68.789, 99.015

■ 74, 42.806,
292.058

■ 65, 68.822, 99.007

■ 74, 42.234,
291.555

Harmonies

Complementary

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



68, 26.107, 104.716



53, 27.791, 291.460

Rectangle

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



68, 26.107, 104.716



68, 26.107, 154.716



68, 26.107, 284.716



68, 26.107, 334.716

Sweetspot

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



68, 26.108, 104.720



88, 9.781, 106.805



56, 21.352, 16.726



47, 6.852, 106.664



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



68, 26.108, 104.720



86, 38.790, 104.033



67, 29.149, 125.270



36, 5.035, 106.789



58, 62.688, 99.048



7, 10.390, 106.506

Inverse Universe

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



53, 27.791, 291.460



63, 42.029, 292.586



54, 30.563, 308.276



34, 5.132, 288.711



17, 87.377, 305.386



1, 10.805, 288.196

Previews

White Background



This preview shows how the CIELCh color 68, 26.107, 104.716 looks on a white background.

Color Contrast Check

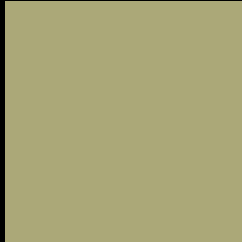
Large Text (above 18pt) WCAG AA × Fail

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, 26.107, 104.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

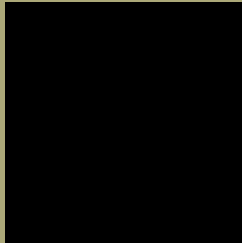
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 26.107, 104.716

Background



This preview shows how black text looks on a background with the CIELCh color 68, 26.107, 104.716.



This preview shows how white text looks on a background with the CIELCh color 68, 26.107, 104.716.

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, 26.107, 104.716

Protanopia

68, 26.105, 96.347

Deuteranopia

68, 25.933, 70.737



Tritanopia
68, 9.395, 330.614

Trichromacy



Original Color
68, 26.107, 104.716

Protanomaly
68, 26.323, 100.128

Deuteranomaly
68, 24.927, 82.713

Tritanomaly
68, 6.972, 71.343

Monochromacy



Original Color
68, 26.107, 104.716

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.886, 106.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 26.107, 104.716 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(171, 168, 120)` looks like.

```
.text, #text, p{  
    color:rgb(171, 168, 120)  
}
```

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(171, 168, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 168, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 26.107, 104.716 is called "border". The border property can be set on classes, ids or directly on the HTML element.

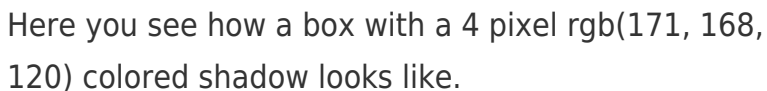
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 168, 120) }
```

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

```
.border{ border-color:rgb(171, 168, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 168, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 168, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 168, 120); box-shadow:4px 4px 4px 4px rgb(171, 168, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 26.107, 104.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 168, 120) }
```

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

```
.background{ background-color: rgb(171,  
168, 120) }
```

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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