

Converting Colors

CIELCh(68, 12.133, 39.296)

Have a look what the booklet for
CIELCh(68, 12.133, 39.296) contains.

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Color

CIELCh(68, 12.027, 41.564)

Conversions

Conversions Part 1

Format	Color
Hex	BCA098
RGB	188, 160, 152
RGB Percent	74%, 63%, 60%
CMY	0.2638, 0.3735, 0.4049
CMYK	0.00, 0.15, 0.19, 0.26
HSL	13°, 21%, 67%
HSV	13°, 19%, 74%
XYZ	38.8497, 37.9720, 34.8809
YIQ	167.4600, 19.2560, 3.4480

Conversions

Conversions Part 2

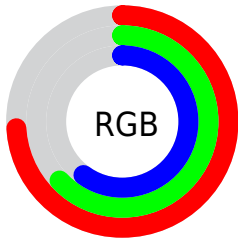
Format	Color
RYB	188, 162, 152
Decimal	12361880
CIELab	68.00, 9.00, 7.98
CIElCh	68, 12.027, 41.564
Yxy	37.9720, 0.3478, 0.3399
Android (android.graphics.Color)	4290551960 (0xFFBCA098)
YUV	167.4600, -7.6218, 18.0136
Hunter-Lab	61.6215, 4.6992, 9.5739

Details

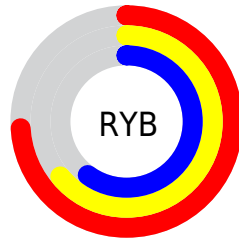
The CIELCh color **68, 12.027, 41.564** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 10.642, 223.038**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 12.197, 42.559**, and **48, 11.849, 43.685** is the 20% darker color. If you saturate the color by 10%, you get **64, 19.067, 41.492**, and if you desaturate by 10%, it is **72, 5.524, 41.737**.

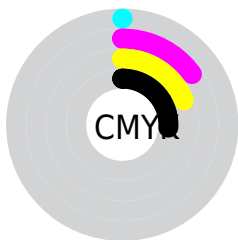
Distribution



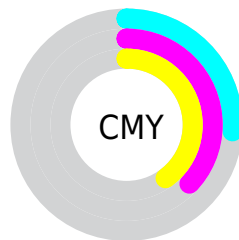
- Red (74%)
- Green (63%)
- Blue (60%)



- Red (74%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (26%)



- Cyan (26%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 12.027, 41.564 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, 12.027, 41.564 by changing the saturation by 10% instead.

■ 68, 12.027, 41.564

■ 68, 12.027, 41.564

■ 100, 12.027,
41.564

■ 58, 12.027, 41.564

■ 88, 12.027, 41.564

■ 48, 12.027, 41.564

■ 98, 12.027, 41.564

■ 38, 12.027, 41.564

■ 28, 12.027, 41.564

■ 18, 12.027, 41.564

■ 8, 12.027, 41.564

■ 0, 12.027, 41.564

■ 68, 12.027, 41.564

■ 68, 12.027, 41.564

■ 64, 19.067, 41.492

■ 72, 5.524, 41.737

60, 26.680, 41.546

77, 0.484, 223.185

56, 34.869, 41.774

81, 6.048, 222.572

52, 43.593, 42.203

85, 11.217,
222.937

49, 52.719, 42.825

90, 16.038,
223.356

46, 61.934, 43.550

44, 70.524, 44.084

94, 19.540,
209.961

42, 77.518, 44.140

96, 21.762,
198.077

42, 78.101, 44.201

Harmonies

Complementary

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



68, 12.027, 41.564



71, 10.642, 223.038

Rectangle

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



68, 12.027, 41.564



68, 12.027, 91.564



68, 12.027, 221.564



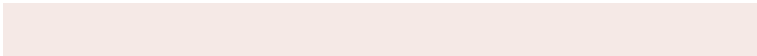
68, 12.027, 271.564

Sweetspot

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



68, 12.026, 41.575



93, 4.429, 41.772



67, 20.583, 332.325



49, 2.944, 41.768



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 12.026, 41.575



84, 18.212, 41.526



73, 14.521, 92.576



38, 3.431, 41.734



35, 68.426, 44.520



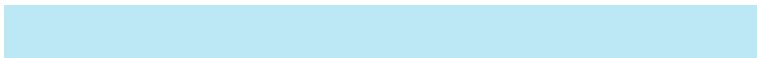
4, 10.686, 34.277

Inverse Universe

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



71, 10.642, 223.038



89, 15.640, 223.315



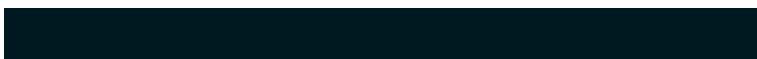
67, 14.617, 277.533



39, 3.243, 222.554



48, 31.116, 239.839



7, 9.467, 232.568

Previews

White Background



This preview shows how the CIELCh color 68, 12.027, 41.564 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 68, 12.027, 41.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

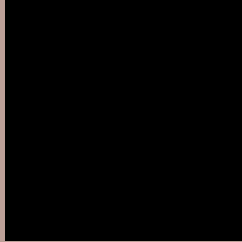
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 12.027, 41.564

Background



This preview shows how black text looks on a background with the CIELCh color 68, 12.027, 41.564.



This preview shows how white text looks on a background with the CIELCh color 68, 12.027, 41.564.

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, 12.027, 41.564

Protanopia

68, 5.951, 86.449

Deuteranopia

68, 11.647, 42.267



Tritanopia
68, 14.280, 353.357

Trichromacy



Original Color
68, 12.027, 41.564

Protanomaly
68, 7.393, 61.519

Deuteranomaly
68, 11.647, 42.267

Tritanomaly
68, 12.364, 7.777

Monochromacy



Original Color
68, 12.027, 41.564

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.547, 40.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 12.027, 41.564 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, 160, 152)` looks like.

```
.text, #text, p{  
    color:rgb(188, 160, 152)  
}
```

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, 160, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 160, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 12.027, 41.564 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, 160, 152) }
```

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

```
.border{ border-color:rgb(188, 160, 152) }
```

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

Here you see how a box with a 4 pixel rgb(188, 160, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 160, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 160, 152);  
box-shadow:4px 4px 4px 4px rgb(188, 160,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 12.027, 41.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 160, 152) }
```

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

```
.background{ background-color: rgb(188,  
160, 152) }
```

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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