

Converting Colors

CIELCh(68, 19.426, 42.289)

Have a look what the booklet for
CIELCh(68, 19.426, 42.289) contains.

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Color

CIELCh(68, 19.511, 42.092)

Conversions

Conversions Part 1

Format	Color
Hex	C89C8F
RGB	200, 156, 143
RGB Percent	78%, 61%, 56%
CMY	0.2162, 0.3887, 0.4397
CMYK	0.00, 0.22, 0.29, 0.22
HSL	14°, 34%, 67%
HSV	14°, 29%, 78%
XYZ	40.5964, 37.9720, 31.1251
YIQ	167.6740, 30.3970, 5.2850

Conversions

Conversions Part 2

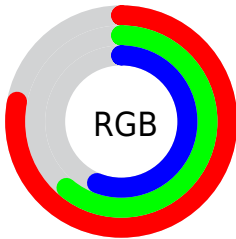
Format	Color
R _{YB}	200, 160, 143
Decimal	13147279
CIE Lab	68.00, 14.48, 13.08
CIE LCh	68, 19.511, 42.092
Yxy	37.9720, 0.3701, 0.3462
Android (android.graphics.Color)	4291337359 (0xFFC89C8F)
YUV	167.6740, -12.1643, 28.3499
Hunter-Lab	61.6215, 9.7588, 13.1875

Details

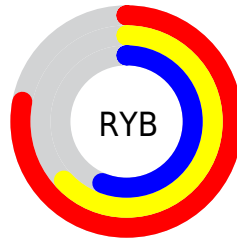
The CIELCh color **68, 19.511, 42.092** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 16.133, 224.500**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 18.430, 43.587**, and **48, 19.376, 42.353** is the 20% darker color. If you saturate the color by 10%, you get **64, 27.462, 42.109**, and if you desaturate by 10%, it is **72, 12.157, 42.222**.

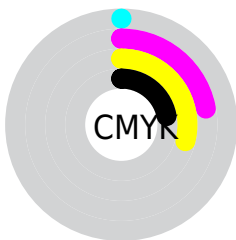
Distribution



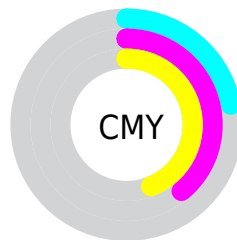
- Red (78%)
- Green (61%)
- Blue (56%)



- Red (78%)
- Yellow (63%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (29%)
- Black (22%)



- Cyan (22%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 19.511, 42.092 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, 19.511, 42.092 by changing the saturation by 10% instead.

68, 19.511, 42.092

68, 19.511, 42.092

100, 19.511,
42.092

58, 19.511, 42.092

88, 19.511, 42.092

48, 19.511, 42.092

98, 19.511, 42.092

38, 19.511, 42.092

28, 19.511, 42.092

18, 19.511, 42.092

8, 19.511, 42.092

0, 19.511, 42.092

68, 19.511, 42.092

68, 19.511, 42.092

64, 27.462, 42.109

72, 12.157, 42.222

60, 36.022, 42.288

77, 5.369, 42.415

56, 45.151, 42.661

81, 0.905, 223.436

53, 54.715, 43.223

86, 6.715, 223.314

49, 64.392, 43.886

90, 12.116,
223.710

47, 73.449, 44.363

95, 16.225,
210.543

45, 80.698, 44.234

44, 81.737, 44.289

96, 18.144,
198.305

Harmonies

Complementary

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



68, 19.511, 42.092



73, 16.133, 224.500

Rectangle

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



68, 19.511, 42.092



68, 19.511, 92.092



68, 19.511, 222.092



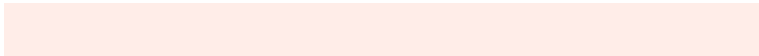
68, 19.511, 272.092

Sweetspot

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



68, 19.510, 42.099



95, 6.934, 42.404



66, 32.237, 332.968



50, 4.847, 42.375



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, 19.510, 42.099



82, 29.060, 42.087



75, 22.879, 91.376



40, 3.574, 42.399



36, 69.954, 44.688



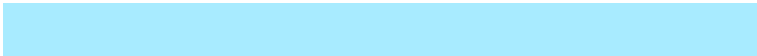
5, 13.974, 32.996

Inverse Universe

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



73, 16.133, 224.500



89, 22.941, 225.073



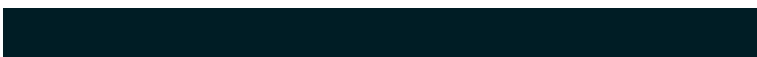
66, 23.112, 279.124



41, 3.379, 223.274



49, 32.010, 241.196



8, 11.124, 231.430

Previews

White Background



This preview shows how the CIELCh color 68, 19.511, 42.092 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, 19.511, 42.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

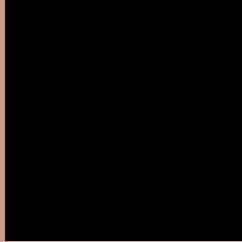
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 19.511, 42.092

Background



This preview shows how black text looks on a background with the CIELCh color 68, 19.511, 42.092.



This preview shows how white text looks on a background with the CIELCh color 68, 19.511, 42.092.

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, 19.511, 42.092

Protanopia

68, 9.841, 90.386

Deuteranopia

68, 15.822, 58.516



Tritanopia
68, 20.019, 3.959

Trichromacy



Original Color
68, 19.511, 42.092

Protanomaly
68, 12.221, 65.534

Deuteranomaly
68, 17.265, 50.792

Tritanomaly
68, 18.727, 17.847

Monochromacy



Original Color
68, 19.511, 42.092

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.810, 43.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 19.511, 42.092 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(200, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(200, 156, 143)  
}
```

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(200, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 156, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 19.511, 42.092 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(200, 156, 143) }
```

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

```
.border{ border-color:rgb(200, 156, 143) }
```

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

Here you see how a box with a 4 pixel rgb(200, 156, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(200, 156,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 19.511, 42.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 156, 143) }
```

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

```
.background{ background-color: rgb(200,  
156, 143) }
```

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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