

Converting Colors

CIELCh(68, 13.069, 58.845)

Have a look what the booklet for
CIELCh(68, 13.069, 58.845) contains.

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Color

CIELCh(68, 13.069, 58.845)

Conversions

Conversions Part 1

Format	Color
Hex	BAA192
RGB	186, 161, 146
RGB Percent	73%, 63%, 57%
CMY	0.2708, 0.3689, 0.4277
CMYK	0.00, 0.13, 0.22, 0.27
HSL	23°, 22%, 65%
HSV	23°, 22%, 73%
XYZ	38.1512, 37.9720, 32.4873
YIQ	166.7650, 19.7150, 0.6350

Conversions

Conversions Part 2

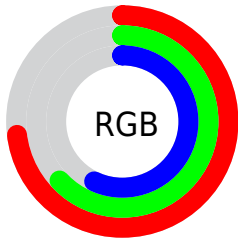
Format	Color
RYB	186, 170, 146
Decimal	12231058
CIELab	68.00, 6.76, 11.18
CIELCh	68, 13.069, 58.845
Yxy	37.9720, 0.3513, 0.3496
Android (android.graphics.Color)	4290421138 (0xFFBAA192)
YUV	166.7650, -10.2371, 16.8691
Hunter-Lab	61.6215, 2.6757, 11.8769

Details

The CIELCh color **68, 13.069, 58.845** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69, 11.812, 243.408**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 12.903, 59.877**, and **48, 12.736, 56.840** is the 20% darker color. If you saturate the color by 10%, you get **65, 19.805, 58.001**, and if you desaturate by 10%, it is **71, 6.764, 59.729**.

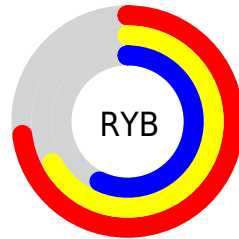
Distribution



Red (73%)

Green (63%)

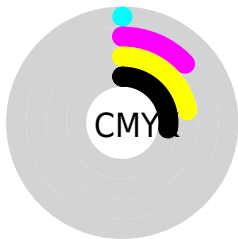
Blue (57%)



Red (73%)

Yellow (67%)

Blue (57%)

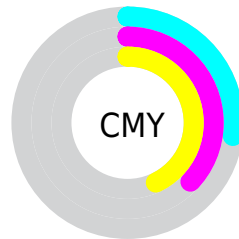


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 13.069, 58.845 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, 13.069, 58.845 by changing the saturation by 10% instead.

68, 13.069, 58.845

68, 13.069, 58.845

100, 13.069,
58.845

58, 13.069, 58.845

88, 13.069, 58.845

48, 13.069, 58.845

98, 13.069, 58.845

38, 13.069, 58.845

28, 13.069, 58.845

18, 13.069, 58.845

8, 13.069, 58.845

0, 13.069, 58.845

68, 13.069, 58.845

68, 13.069, 58.845

65, 19.805, 58.001

71, 6.764, 59.729

61, 27.000, 57.192

75, 0.856, 60.212

58, 34.652, 56.440

79, 4.698, 241.753

55, 42.709, 55.737

82, 9.937, 242.641

52, 51.012, 55.036

86, 14.898,
243.553

50, 59.181, 54.202

89, 18.811,
241.321

47, 66.437, 52.927

92, 19.088,
218.640

45, 71.571, 51.528

95, 21.918,
199.563

96, 22.288,
198.044

Harmonies

Complementary

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



68, 13.069, 58.845



69, 11.812, 243.408

Rectangle

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



68, 13.069, 58.845



68, 13.069, 108.845



68, 13.069, 238.845



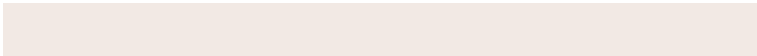
68, 13.069, 288.845

Sweetspot

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



68, 13.069, 58.856



93, 4.293, 60.170



65, 20.657, 338.724



50, 2.877, 60.121



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, 13.069, 58.856



84, 19.912, 58.430



73, 18.783, 101.809



37, 3.272, 59.914



38, 62.438, 52.056



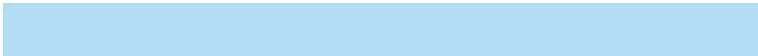
4, 8.759, 48.385

Inverse Universe

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



69, 11.812, 243.408



85, 17.533, 244.147



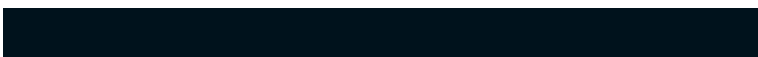
63, 19.433, 286.804



37, 3.143, 241.900



40, 38.388, 268.020



5, 9.130, 254.975

Previews

White Background



This preview shows how the CIELCh color 68, 13.069, 58.845 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, 13.069, 58.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

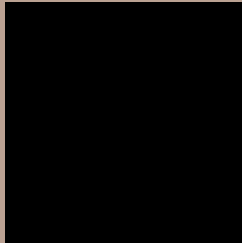
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 13.069, 58.845

Background



This preview shows how black text looks on a background with the CIELCh color 68, 13.069, 58.845.



This preview shows how white text looks on a background with the CIELCh color 68, 13.069, 58.845.

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, 13.069, 58.845

Protanopia

68, 9.841, 90.386

Deuteranopia

68, 14.083, 53.060



Tritanopia
68, 14.183, 350.590

Trichromacy



Original Color
68, 13.069, 58.845

Protanomaly
68, 10.880, 78.261

Deuteranomaly
68, 13.737, 53.977

Tritanomaly
68, 11.828, 12.515

Monochromacy



Original Color
68, 13.069, 58.845

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.781, 62.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 13.069, 58.845 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(186, 161, 146)` looks like.

```
.text, #text, p{  
    color:rgb(186, 161, 146)  
}
```

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(186, 161, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 161, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 13.069, 58.845 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(186, 161, 146) }
```

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

```
.border{ border-color:rgb(186, 161, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 161, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 161, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 161, 146); box-shadow:4px 4px 4px 4px rgb(186, 161, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 13.069, 58.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 161, 146) }
```

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

```
.background{ background-color: rgb(186,  
161, 146) }
```

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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