

Converting Colors

CIELCh(68, 9.304, 40.742)

Have a look what the booklet for
CIELCh(68, 9.304, 40.742) contains.

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Color

CIELCh(68, 9.291, 40.743)

Conversions

Conversions Part 1

Format	Color
Hex	B7A19B
RGB	183, 161, 155
RGB Percent	72%, 63%, 61%
CMY	0.2820, 0.3682, 0.3918
CMYK	0.00, 0.12, 0.15, 0.28
HSL	13°, 16%, 66%
HSV	13°, 15%, 72%
XYZ	38.2375, 37.9720, 36.3661
YIQ	166.8940, 15.0380, 2.7980

Conversions

Conversions Part 2

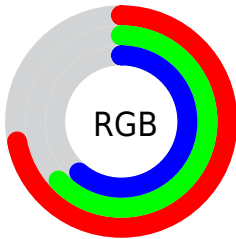
Format	Color
RYB	183, 163, 155
Decimal	12034459
CIELab	68.00, 7.04, 6.06
CIELCh	68, 9.291, 40.743
Yxy	37.9720, 0.3397, 0.3373
Android (android.graphics.Color)	4290224539 (0xFFB7A19B)
YUV	166.8940, -5.8637, 14.1250
Hunter-Lab	61.6215, 2.9258, 8.1448

Details

The CIELCh color $68, 9.291, 40.743$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 8.438, 221.822$, and the grayscale version is $69, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 9.286, 42.922$, and $48, 9.460, 38.349$ is the 20% darker color. If you saturate the color by 10%, you get $64, 16.008, 40.676$, and if you desaturate by 10%, it is $72, 3.088, 40.857$.

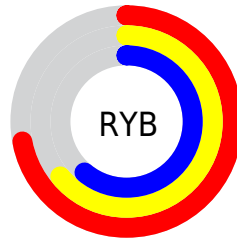
Distribution



Red (72%)

Green (63%)

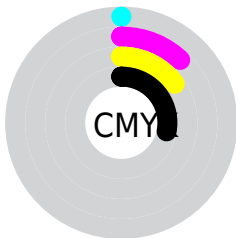
Blue (61%)



Red (72%)

Yellow (64%)

Blue (61%)

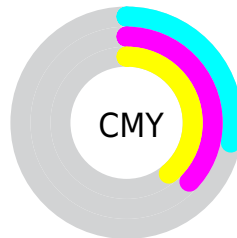


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (28%)



Cyan (28%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 9.291, 40.743 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, 9.291, 40.743 by changing the saturation by 10% instead.

■ 68, 9.291, 40.743

■ 68, 9.291, 40.743

■ 100, 9.291, 40.743

■ 58, 9.291, 40.743

■ 88, 9.291, 40.743

■ 48, 9.291, 40.743

■ 98, 9.291, 40.743

■ 38, 9.291, 40.743

■ 28, 9.291, 40.743

■ 18, 9.291, 40.743

■ 8, 9.291, 40.743

■ 0, 9.291, 40.743

■ 68, 9.291, 40.743

■ 68, 9.291, 40.743

■ 64, 16.008, 40.676

■ 72, 3.088, 40.857

60, 23.277, 40.718

76, 2.645, 221.499

56, 31.115, 40.928

81, 7.959, 221.716

52, 39.501, 41.336

85, 12.902,
222.077

49, 48.345, 41.957

89, 17.518,
222.478

46, 57.425, 42.744

43, 66.236, 43.505

93, 20.880,
209.051

41, 73.697, 43.751

96, 23.105,
197.993

40, 76.884, 43.980

Harmonies

Complementary

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



68, 9.291, 40.743



71, 8.438, 221.822

Rectangle

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



68, 9.291, 40.743



68, 9.291, 90.743



68, 9.291, 220.743



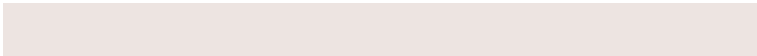
68, 9.291, 270.743

Sweetspot

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



68, 9.290, 40.757



91, 3.596, 40.855



67, 16.254, 331.461



49, 2.480, 40.858



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 9.290, 40.757



84, 13.659, 40.722



72, 11.132, 91.818



37, 3.367, 40.833



34, 67.787, 44.246



3, 9.261, 34.583

Inverse Universe

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



71, 8.438, 221.822



89, 12.152, 221.976



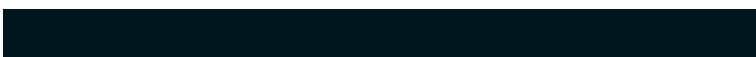
67, 11.165, 275.746



38, 3.182, 221.582



47, 30.573, 238.088



6, 8.519, 231.726

Previews

White Background



This preview shows how the CIELCh color 68, 9.291, 40.743 looks on a white background.

Color Contrast Check

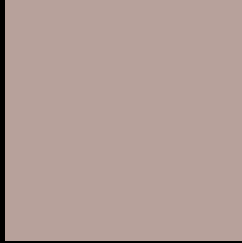
Large Text (above 18pt) WCAG AA × Fail

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, 9.291, 40.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

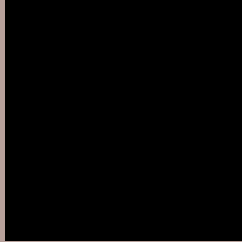
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 9.291, 40.743

Background



This preview shows how black text looks on a background with the CIELCh color 68, 9.291, 40.743.



This preview shows how white text looks on a background with the CIELCh color 68, 9.291, 40.743.

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, 9.291, 40.743

Protanopia

68, 4.954, 81.666

Deuteranopia

68, 10.655, 35.092



Tritanopia
68, 11.920, 346.978

Trichromacy



Original Color
68, 9.291, 40.743

Protanomaly
68, 6.132, 65.210

Deuteranomaly
68, 10.264, 35.641

Tritanomaly
68, 9.666, 3.817

Monochromacy



Original Color
68, 9.291, 40.743

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.251, 39.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 9.291, 40.743 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(183, 161, 155)` looks like.

```
.text, #text, p{  
    color:rgb(183, 161, 155)  
}
```

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(183, 161, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 161, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 9.291, 40.743 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(183, 161, 155) }
```

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

```
.border{ border-color:rgb(183, 161, 155) }
```

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

Here you see how a box with a 4 pixel rgb(183, 161, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 161, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 161, 155);  
box-shadow:4px 4px 4px 4px rgb(183, 161,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 9.291, 40.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 161, 155) }
```

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

```
.background{ background-color: rgb(183,  
161, 155) }
```

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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