

Converting Colors

CIELCh(68, 7.200, 42.242)

Have a look what the booklet for
CIELCh(68, 7.200, 42.242) contains.

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Color

CIELCh(68, 7.194, 42.245)

Conversions

Conversions Part 1

Format	Color
Hex	B3A29D
RGB	179, 162, 157
RGB Percent	70%, 64%, 62%
CMY	0.2971, 0.3638, 0.3834
CMYK	0.00, 0.09, 0.12, 0.30
HSL	14°, 13%, 66%
HSV	14°, 12%, 70%
XYZ	37.7074, 37.9720, 37.3397
YIQ	166.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

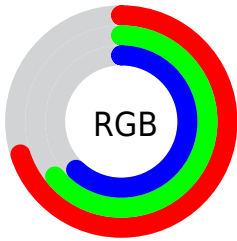
Format	Color
RYB	179, 163, 157
Decimal	11772573
CIELab	68.00, 5.33, 4.84
CIELCh	68, 7.194, 42.245
Yxy	37.9720, 0.3336, 0.3360
Android (android.graphics.Color)	4289962653 (0xFFB3A29D)
YUV	166.5130, -4.6899, 10.9511
Hunter-Lab	61.6215, 1.3901, 7.2081

Details

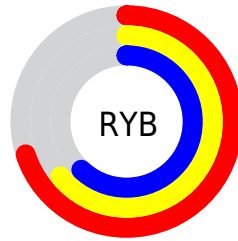
The CIELCh color **68, 7.194, 42.245** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 6.675, 223.307**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 7.115, 41.164**, and **48, 7.164, 39.179** is the 20% darker color. If you saturate the color by 10%, you get **64, 13.591, 42.088**, and if you desaturate by 10%, it is **72, 1.281, 42.243**.

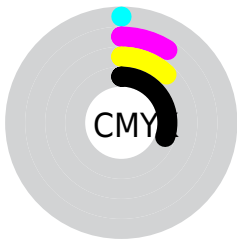
Distribution



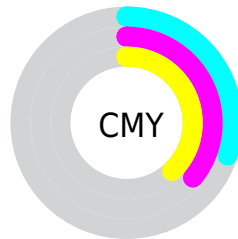
- Red (70%)
- Green (64%)
- Blue (62%)



- Red (70%)
- Yellow (64%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (30%)



- Cyan (30%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 7.194, 42.245 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, 7.194, 42.245 by changing the saturation by 10% instead.

 68, 7.194, 42.245  68, 7.194, 42.245

 100, 7.194, 42.245  58, 7.194, 42.245

 88, 7.194, 42.245  48, 7.194, 42.245

 98, 7.194, 42.245  38, 7.194, 42.245


 28, 7.194, 42.245

 18, 7.194, 42.245

 8, 7.194, 42.245

 0, 7.194, 42.245

 68, 7.194, 42.245  68, 7.194, 42.245

 64, 13.591, 42.088  72, 1.281, 42.243

60, 20.515, 42.012

76, 4.193, 223.110

56, 27.990, 42.081

80, 9.275, 223.456

53, 36.012, 42.328

85, 14.013,
223.882

49, 44.522, 42.770

89, 18.447,
224.336

46, 53.356, 43.384

44, 62.134, 44.036

93, 21.492,
211.710

41, 70.010, 44.350

95, 24.205,
197.925

40, 75.191, 44.468

Harmonies

Complementary

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



68, 7.194, 42.245



70, 6.675, 223.307

Rectangle

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



68, 7.194, 42.245



68, 7.194, 92.245



68, 7.194, 222.245



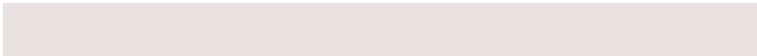
68, 7.194, 272.245

Sweetspot

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



68, 7.193, 42.262



90, 2.797, 42.355



67, 12.653, 331.864



48, 2.010, 42.365



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 7.193, 42.262



84, 10.972, 42.204



71, 8.906, 93.429



36, 3.268, 42.319



34, 66.527, 44.737



3, 7.872, 36.684

Inverse Universe

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



70, 6.675, 223.307



88, 9.983, 223.458



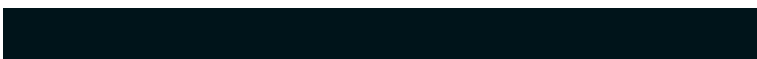
67, 8.951, 276.511



37, 3.092, 223.180



46, 30.481, 240.791



5, 7.480, 233.537

Previews

White Background



This preview shows how the CIELCh color 68, 7.194, 42.245 looks on a white background.

Color Contrast Check

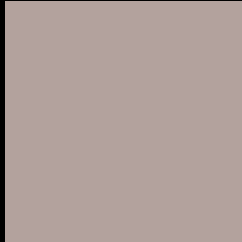
Large Text (above 18pt) WCAG AA × Fail

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, 7.194, 42.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

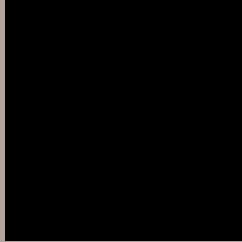
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

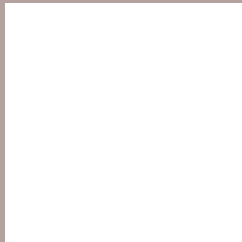
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 7.194, 42.245

Background



This preview shows how black text looks on a background with the CIELCh color 68, 7.194, 42.245.



This preview shows how white text looks on a background with the CIELCh color 68, 7.194, 42.245.

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, 7.194, 42.245

Protanopia

68, 3.801, 79.305

Deuteranopia

68, 9.876, 26.585



Tritanopia
68, 10.372, 340.861

Trichromacy



Original Color
68, 7.194, 42.245

Protanomaly
68, 4.787, 62.946

Deuteranomaly
68, 8.779, 30.869

Tritanomaly
68, 8.004, 355.816

Monochromacy



Original Color
68, 7.194, 42.245

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.535, 45.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 7.194, 42.245 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(179, 162, 157)` looks like.

```
.text, #text, p{  
    color:rgb(179, 162, 157)  
}
```

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(179, 162, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 162, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 7.194, 42.245 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(179, 162, 157) }
```

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

```
.border{ border-color:rgb(179, 162, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 162, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 162, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 162, 157);  
box-shadow:4px 4px 4px 4px rgb(179, 162,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 7.194, 42.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 162, 157) }
```

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

```
.background{ background-color: rgb(179,  
162, 157) }
```

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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