

Converting Colors

CIELCh(68, 8.390, 4.999)

Have a look what the booklet for
CIELCh(68, 8.390, 4.999) contains.

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Color

CIELCh(68, 8.392, 5.003)

Conversions

Conversions Part 1

Format	Color
Hex	B6A1A5
RGB	182, 161, 165
RGB Percent	71%, 63%, 65%
CMY	0.2877, 0.3700, 0.3543
CMYK	0.00, 0.12, 0.09, 0.29
HSL	349°, 13%, 67%
HSV	349°, 12%, 71%
XYZ	38.6494, 37.9720, 40.7215
YIQ	167.7350, 11.2320, 5.6960

Conversions

Conversions Part 2

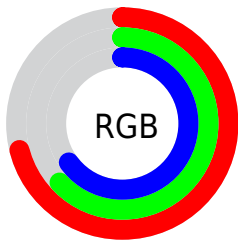
Format	Color
RYB	182, 161, 165
Decimal	11968933
CIELab	68.00, 8.36, 0.73
CIELCh	68, 8.392, 5.003
Yxy	37.9720, 0.3294, 0.3236
Android (android.graphics.Color)	4290159013 (0xFFB6A1A5)
YUV	167.7350, -1.3484, 12.5104
Hunter-Lab	61.6215, 4.1190, 3.9542

Details

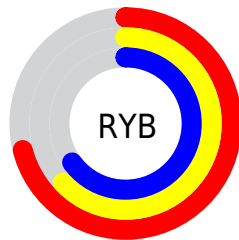
The CIELCh color $68, 8.392, 5.003$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 8.009, 183.034$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 8.289, 5.437$, and $48, 8.616, 4.667$ is the 20% darker color. If you saturate the color by 10%, you get $63, 16.058, 6.153$, and if you desaturate by 10%, it is $73, 1.102, 3.691$.

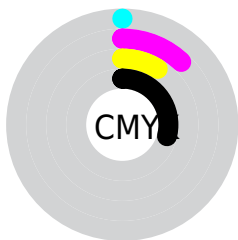
Distribution



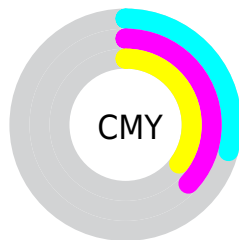
- Red (71%)
- Green (63%)
- Blue (65%)



- Red (71%)
- Yellow (63%)
- Blue (65%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (29%)



- Cyan (29%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 8.392, 5.003 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, 8.392, 5.003 by changing the saturation by 10% instead.

 68, 8.392, 5.003

 68, 8.392, 5.003

 100, 8.392, 5.003

 58, 8.392, 5.003

 88, 8.392, 5.003

 48, 8.392, 5.003

 98, 8.392, 5.003

 38, 8.392, 5.003

 28, 8.392, 5.003

 18, 8.392, 5.003

 8, 8.392, 5.003

 0, 8.392, 5.003

 68, 8.392, 5.003

 68, 8.392, 5.003

 63, 16.058, 6.153

 73, 1.102, 3.691

58, 24.050, 7.500

78, 5.794, 183.393

54, 32.254, 9.140

84, 12.308,
182.638

49, 40.477, 11.176

89, 18.464,
181.996

46, 48.451, 13.739

43, 55.863, 16.979

94, 24.291,
181.429

40, 62.451, 21.016

95, 23.678,
195.301

39, 68.115, 25.837

38, 72.445, 30.094

95, 23.522,
197.967

Harmonies

Complementary

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



68, 8.392, 5.003



72, 8.009, 183.034

Rectangle

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



68, 8.392, 5.003



68, 8.392, 55.003



68, 8.392, 185.003



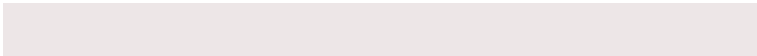
68, 8.392, 235.003

Sweetspot

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



68, 8.390, 5.012



92, 2.646, 4.036



68, 13.187, 319.302



49, 2.026, 4.155



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, 8.390, 5.012



85, 12.715, 5.304



70, 6.666, 50.751



36, 4.125, 4.776



32, 64.201, 29.380



2, 10.882, 7.992

Inverse Universe

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



68, 8.390, 5.012



85, 12.715, 5.304



71, 6.263, 232.512



36, 4.125, 4.776



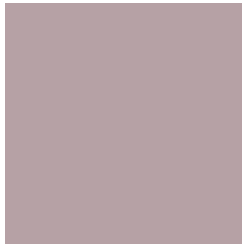
32, 64.201, 29.380



2, 10.882, 7.992

Previews

White Background



This preview shows how the CIELCh color 68, 8.392, 5.003 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, 8.392, 5.003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

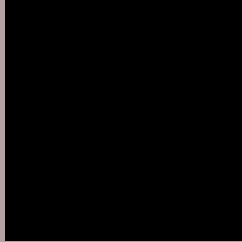
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 8.392, 5.003

Background



This preview shows how black text looks on a background with the CIELCh color 68, 8.392, 5.003.



This preview shows how white text looks on a background with the CIELCh color 68, 8.392, 5.003.

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, 8.392, 5.003

Protanopia

68, 1.596, 335.596

Deuteranopia

68, 8.918, 2.298



Tritanopia
68, 11.608, 342.500

Trichromacy



Original Color

68, 8.392, 5.003

Protanomaly

68, 4.170, 356.387

Deuteranomaly

68, 8.918, 2.298

Tritanomaly

68, 10.103, 351.069

Monochromacy



Original Color

68, 8.392, 5.003

Achromatopsia

68, 0.008, 296.813

Achromatomaly

68, 2.729, 7.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 8.392, 5.003 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(182, 161, 165)` looks like.

```
.text, #text, p{  
    color:rgb(182, 161, 165)  
}
```

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(182, 161, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 161, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 8.392, 5.003 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(182, 161, 165) }
```

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

```
.border{ border-color:rgb(182, 161, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 161, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 161, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 161, 165); box-shadow:4px 4px 4px 4px rgb(182, 161, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 8.392, 5.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 161, 165) }
```

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

```
.background{ background-color: rgb(182,  
161, 165) }
```

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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