

Converting Colors

CIELCh(68, 6.048, 35.574)

Have a look what the booklet for
CIELCh(68, 6.048, 35.574) contains.

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Color

CIELCh(68, 6.048, 35.574)

Conversions

Conversions Part 1

Format	Color
Hex	B2A3A0
RGB	178, 163, 160
RGB Percent	70%, 64%, 63%
CMY	0.3037, 0.3625, 0.3743
CMYK	0.00, 0.08, 0.10, 0.30
HSL	10°, 10%, 66%
HSV	10°, 10%, 70%
XYZ	37.5824, 37.9720, 38.4044
YIQ	167.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

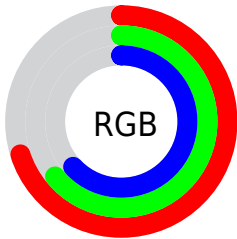
Format	Color
RYB	178, 164, 160
Decimal	11707296
CIELab	68.00, 4.92, 3.52
CIElCh	68, 6.048, 35.574
Yxy	37.9720, 0.3298, 0.3332
Android (android.graphics.Color)	4289897376 (0xFFB2A3A0)
YUV	167.1430, -3.5215, 9.5216
Hunter-Lab	61.6215, 1.0281, 6.1837

Details

The CIELCh color **68, 6.048, 35.574** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 5.673, 215.924**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 6.056, 34.614**, and **48, 5.969, 31.323** is the 20% darker color. If you saturate the color by 10%, you get **64, 12.520, 35.715**, and if you desaturate by 10%, it is **72, 0.075, 28.996**.

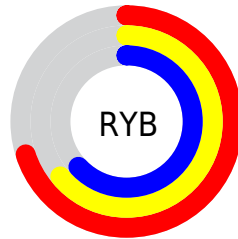
Distribution



Red (70%)

Green (64%)

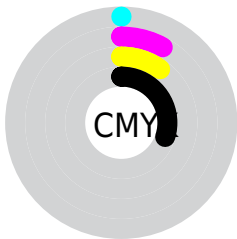
Blue (63%)



Red (70%)

Yellow (64%)

Blue (63%)

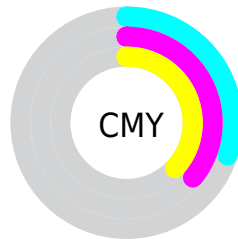


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 6.048, 35.574 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, 6.048, 35.574 by changing the saturation by 10% instead.

 68, 6.048, 35.574

 68, 6.048, 35.574

 100, 6.048, 35.574

 58, 6.048, 35.574

 88, 6.048, 35.574

 48, 6.048, 35.574

 98, 6.048, 35.574

 38, 6.048, 35.574

 28, 6.048, 35.574

 18, 6.048, 35.574

 8, 6.048, 35.574

 0, 6.048, 35.574

 68, 6.048, 35.574

 68, 6.048, 35.574

 64, 12.520, 35.715

 72, 0.075, 28.996

60, 19.533, 35.954

77, 5.444, 215.914

56, 27.106, 36.372

81, 10.557,
216.044

52, 35.229, 37.017

86, 15.312,
216.248

48, 43.837, 37.929

45, 52.777, 39.113

90, 19.752,
216.490

42, 61.716, 40.477

94, 23.504,
202.635

40, 69.921, 41.694

38, 76.558, 42.629

95, 24.676,
197.896

Harmonies

Complementary

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



68, 6.048, 35.574



70, 5.673, 215.924

Rectangle

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



68, 6.048, 35.574



68, 6.048, 85.574



68, 6.048, 215.574



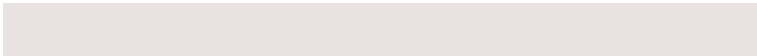
68, 6.048, 265.574

Sweetspot

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



68, 6.047, 35.593



90, 2.162, 35.404



68, 10.722, 329.971



48, 1.658, 35.461



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, 6.047, 35.593



86, 8.979, 35.614



70, 6.924, 89.852



35, 3.383, 35.584



33, 68.148, 42.700



3, 8.136, 31.576

Inverse Universe

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



70, 5.673, 215.924



89, 8.306, 215.951



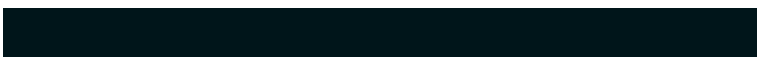
68, 6.921, 272.469



37, 3.191, 215.916



49, 29.735, 227.793



6, 7.600, 223.961

Previews

White Background



This preview shows how the CIELCh color 68, 6.048, 35.574 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, 6.048, 35.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

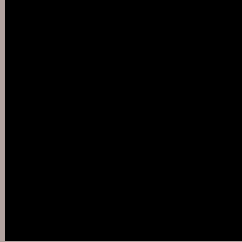
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 6.048, 35.574

Background



This preview shows how black text looks on a background with the CIELCh color 68, 6.048, 35.574.



This preview shows how white text looks on a background with the CIELCh color 68, 6.048, 35.574.

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, 6.048, 35.574

Protanopia

68, 2.902, 68.462

Deuteranopia

68, 9.369, 20.210



Tritanopia
68, 10.172, 335.630

Trichromacy



Original Color
68, 6.048, 35.574

Protanomaly
68, 4.099, 51.895

Deuteranomaly
68, 8.203, 23.903

Tritanomaly
68, 7.563, 349.494

Monochromacy



Original Color
68, 6.048, 35.574

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.351, 32.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 6.048, 35.574 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(178, 163, 160)` looks like.

```
.text, #text, p{  
    color:rgb(178, 163, 160)  
}
```

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(178, 163, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 163, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 6.048, 35.574 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(178, 163, 160) }
```

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

```
.border{ border-color:rgb(178, 163, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 163, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 163, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 163, 160);  
box-shadow:4px 4px 4px 4px rgb(178, 163,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 6.048, 35.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 163, 160) }
```

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

```
.background{ background-color: rgb(178,  
163, 160) }
```

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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