

Converting Colors

CIELCh(70, 3.434, 94.672)

Have a look what the booklet for
CIELCh(70, 3.434, 94.672) contains.

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Color

CIELCh(70, 3.351, 96.650)

Conversions

Conversions Part 1

Format	Color
Hex	ADABA5
RGB	173, 171, 165
RGB Percent	68%, 67%, 65%
CMY	0.3214, 0.3292, 0.3528
CMYK	0.00, 0.01, 0.05, 0.32
HSL	45°, 5%, 66%
HSV	45°, 5%, 68%
XYZ	38.6096, 40.7494, 41.4478
YIQ	170.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

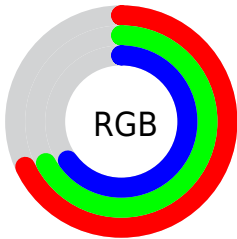
Format	Color
RYB	168, 173, 165
Decimal	11381669
CIELab	70.00, -0.39, 3.33
CIELCh	70, 3.351, 96.650
Yxy	40.7494, 0.3196, 0.3373
Android (android.graphics.Color)	4289571749 (0xFFADABA5)
YUV	170.9140, -2.9156, 1.8294
Hunter-Lab	63.8353, -3.7493, 6.1881

Details

The CIELCh color $70, 3.351, 96.650$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 3.377, 277.851$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 3.178, 96.757$, and $50, 3.583, 96.457$ is the 20% darker color. If you saturate the color by 10%, you get $68, 10.686, 95.532$, and if you desaturate by 10%, it is $72, 3.890, 277.907$.

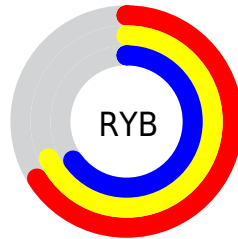
Distribution



Red (68%)

Green (67%)

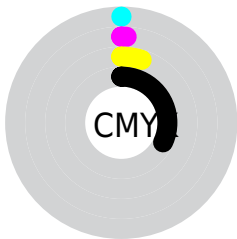
Blue (65%)



Red (66%)

Yellow (68%)

Blue (65%)

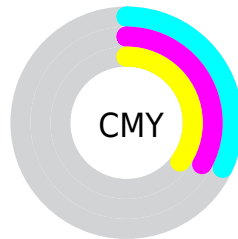


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (32%)



Cyan (32%)

Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 3.351, 96.650 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 70, 3.351, 96.650 by changing the saturation by 10% instead.

 70, 3.351, 96.650  70, 3.351, 96.650

 100, 3.351, 96.650  60, 3.351, 96.650

 90, 3.351, 96.650  50, 3.351, 96.650

 40, 3.351, 96.650


 30, 3.351, 96.650

 20, 3.351, 96.650

 10, 3.351, 96.650

 0, 3.351, 96.650

 70, 3.351, 96.650  70, 3.351, 96.650

 68, 10.686, 95.532  72, 3.890, 277.907

67, 18.095, 94.321

73, 11.036,
278.970

65, 25.545, 93.072

75, 18.085,
280.006

64, 32.972, 91.793

63, 40.254, 90.484

77, 25.040,
280.996

61, 47.180, 89.139

78, 31.905,
281.937

60, 53.393, 87.737

59, 58.367, 86.227

80, 31.558,
279.300

58, 61.489, 84.518

81, 29.555,
275.373

82, 27.707,
270.933

83, 26.044,
265.933

Harmonies

Complementary

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



70, 3.351, 96.650



69, 3.377, 277.851

Rectangle

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



70, 3.351, 96.650



70, 3.351, 146.650



70, 3.351, 276.650



70, 3.351, 326.650

Sweetspot

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



70, 3.352, 96.677



89, 0.886, 96.913



68, 3.248, 359.802



47, 0.503, 96.906



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



70, 3.352, 96.677



88, 5.382, 96.517



70, 4.430, 119.636



36, 2.883, 96.472



50, 56.634, 83.810



5, 7.973, 91.199

Inverse Universe

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



69, 3.377, 277.851



86, 5.420, 278.021



68, 4.485, 300.189



35, 2.904, 278.070



22, 73.298, 300.127



2, 9.155, 280.188

Previews

White Background



This preview shows how the CIE LCh color 70, 3.351, 96.650 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 70, 3.351, 96.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

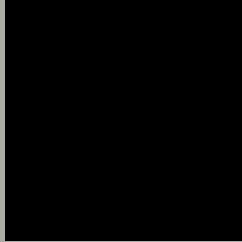
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

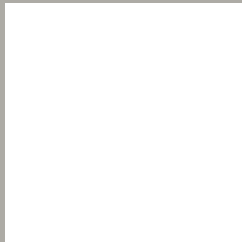
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 3.351, 96.650

Background



This preview shows how black text looks on a background with the CIELCh color 70, 3.351, 96.650.



This preview shows how white text looks on a background with the CIELCh color 70, 3.351, 96.650.

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


70, 3.351, 96.650

Protanopia

70, 3.552, 69.532

Deuteranopia

70, 9.306, 16.841



Tritanopia
70, 7.612, 310.688

Trichromacy



Original Color
70, 3.351, 96.650

Protanomaly
70, 3.317, 74.637

Deuteranomaly
70, 6.183, 24.916

Tritanomaly
70, 3.804, 319.899

Monochromacy



Original Color
70, 3.351, 96.650

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.145, 90.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 3.351, 96.650 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(173, 171, 165)` looks like.

```
.text, #text, p{  
    color:rgb(173, 171, 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(173, 171, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 171, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 3.351, 96.650 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(173, 171, 165) }
```

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

```
.border{ border-color:rgb(173, 171, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 171, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 171, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 171, 165);  
box-shadow:4px 4px 4px 4px rgb(173, 171,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 3.351, 96.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 171, 165) }
```

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

```
.background{ background-color: rgb(173,  
171, 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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