

Converting Colors

CIELCh(70, 35.424, 110.679)

Have a look what the booklet for
CIELCh(70, 35.424, 110.679)
contains.

CIELCh(70, 35.394, 110.695)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 35.394, 110.695)

Conversions

Conversions Part 1

Format	Color
Hex	AAB06E
RGB	170, 176, 110
RGB Percent	67%, 69%, 43%
CMY	0.3331, 0.3096, 0.5684
CMYK	0.03, 0.00, 0.37, 0.31
HSL	65°, 29%, 56%
HSV	65°, 37%, 69%
XYZ	34.9412, 40.7494, 20.7893
YIQ	166.6820, 17.6100, -21.7980

Conversions

Conversions Part 2

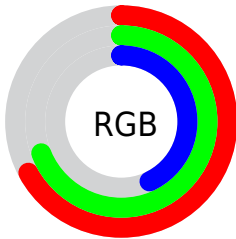
Format	Color
RYB	110, 176, 116
Decimal	11186286
CIELab	70.00, -12.51, 33.11
CIELCh	70, 35.394, 110.695
Yxy	40.7494, 0.3622, 0.4224
Android (android.graphics.Color)	4289376366 (0xFFAAB06E)
YUV	166.6820, -27.9442, 2.9099
Hunter-Lab	63.8353, -14.0069, 25.3757

Details

The CIELCh color **70, 35.394, 110.695** is a light color, and the websafe version is hex **999966**. A complement of this color would be **50, 38.817, 297.802**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 35.845, 111.013**, and **50, 35.524, 110.733** is the 20% darker color. If you saturate the color by 10%, you get **70, 44.285, 109.934**, and if you desaturate by 10%, it is **70, 26.161, 111.504**.

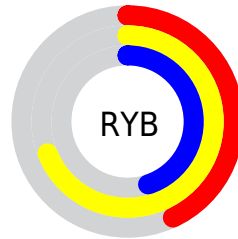
Distribution



Red (67%)

Green (69%)

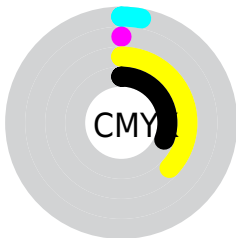
Blue (43%)



Red (43%)

Yellow (69%)

Blue (45%)

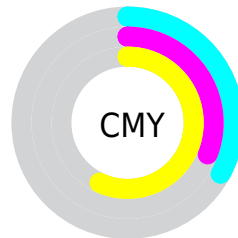


Cyan (3%)

Magenta (0%)

Yellow (37%)

Black (31%)



Cyan (33%)


Magenta (31%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 35.394, 110.695 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, 35.394, 110.695 by changing the saturation by 10% instead.


 70, 35.394,
110.695


 70, 35.394,
110.695


 100, 35.394,
110.695


 60, 35.394,
110.695


 90, 35.394,
110.695

 50, 35.394,
110.695

 40, 35.394,
110.695

 30, 35.394,
110.695

 20, 35.394,
110.695

 10, 35.394,
110.695

 0, 35.394, 110.695

70, 35.394,
110.695

70, 35.394,
110.695

70, 44.285,
109.934

70, 26.161,
111.504

69, 52.615,
109.250

71, 16.724,
112.326

69, 60.072,
108.691

71, 7.177, 113.145

69, 66.248,
108.320

72, 2.417, 293.965

69, 70.706,
108.198

73, 12.018,
294.735

68, 73.290,
108.350

73, 21.596,
295.482

68, 73.834,
108.401

74, 31.129,
296.194

75, 40.602,
296.868

■ 75, 42.823,
297.529

Harmonies

Complementary

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



70, 35.394, 110.695



50, 38.817, 297.802

Rectangle

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



70, 35.394, 110.695



70, 35.394, 160.695



70, 35.394, 290.695



70, 35.394, 340.695

Sweetspot

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



70, 35.395, 110.698



90, 13.068, 112.844



55, 26.489, 29.053



48, 8.769, 112.736



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 35.395, 110.698



88, 52.185, 110.060



68, 38.862, 130.213



38, 5.486, 112.995



60, 66.570, 108.341



8, 13.385, 115.466

Inverse Universe

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



50, 38.817, 297.802



58, 58.758, 299.024



53, 40.534, 313.599



35, 5.605, 294.560



17, 90.876, 306.635



1, 13.341, 292.940

Previews

White Background



This preview shows how the CIELCh color 70, 35.394, 110.695 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 70, 35.394, 110.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

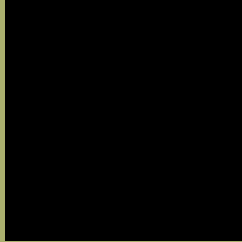
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 35.394, 110.695

Background



This preview shows how black text looks on a background with the CIELCh color 70, 35.394, 110.695.



This preview shows how white text looks on a background with the CIELCh color 70, 35.394, 110.695.

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, 35.394, 110.695

Protanopia

70, 34.545, 95.978

Deuteranopia

70, 33.079, 74.124



Tritanopia
70, 8.919, 320.823

Trichromacy



Original Color
70, 35.394, 110.695

Protanomaly
70, 34.490, 101.719

Deuteranomaly
70, 32.131, 88.378

Tritanomaly
70, 8.505, 93.298

Monochromacy



Original Color
70, 35.394, 110.695

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 13.126, 112.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 35.394, 110.695 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(170, 176, 110)` looks like.

```
.text, #text, p{  
    color:rgb(170, 176, 110)  
}
```

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(170, 176, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 176, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 35.394, 110.695 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(170, 176, 110) }
```

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

```
.border{ border-color:rgb(170, 176, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 176, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 176, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 176, 110);  
box-shadow:4px 4px 4px 4px rgb(170, 176,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 35.394, 110.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 176, 110) }
```

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

```
.background{ background-color: rgb(170,  
176, 110) }
```

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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