

Converting Colors

CIELCh(70, 25.951, 107.534)

Have a look what the booklet for
CIELCh(70, 25.951, 107.534)
contains.

CIELCh(70, 25.926, 107.548)	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, 25.926, 107.548)

Conversions

Conversions Part 1

Format	Color
Hex	AEAE7E
RGB	174, 174, 126
RGB Percent	68%, 68%, 49%
CMY	0.3179, 0.3178, 0.5061
CMYK	0.00, 0.00, 0.28, 0.32
HSL	60°, 23%, 59%
HSV	60°, 28%, 68%
XYZ	36.3322, 40.7494, 25.6723
YIQ	168.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

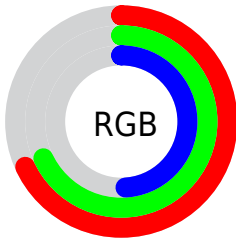
Format	Color
RYB	126, 174, 126
Decimal	11447934
CIELab	70.00, -7.82, 24.72
CIELCh	70, 25.926, 107.548
Yxy	40.7494, 0.3536, 0.3966
Android (android.graphics.Color)	4289638014 (0xFFAEAE7E)
YUV	168.5280, -20.9663, 4.7989
Hunter-Lab	63.8353, -10.1174, 20.8403

Details

The CIELCh color **70, 25.926, 107.548** is a light color, and the websafe version is hex **999966**. A complement of this color would be **54, 27.672, 293.453**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 25.730, 107.199**, and **50, 26.330, 107.684** is the 20% darker color. If you saturate the color by 10%, you get **70, 35.045, 106.614**, and if you desaturate by 10%, it is **70, 16.610, 108.506**.

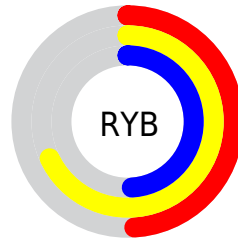
Distribution



Red (68%)

Green (68%)

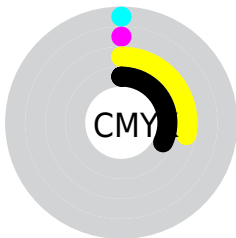
Blue (49%)



Red (49%)

Yellow (68%)

Blue (49%)

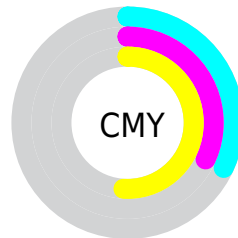


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (32%)



Cyan (32%)


Magenta (32%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 25.926, 107.548 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, 25.926, 107.548 by changing the saturation by 10% instead.


 70, 25.926,
107.548


 70, 25.926,
107.548


 100, 25.926,
107.548


 60, 25.926,
107.548


 90, 25.926,
107.548

 50, 25.926,
107.548

 40, 25.926,
107.548

 30, 25.926,
107.548

 20, 25.926,
107.548

 10, 25.926,
107.548

 0, 25.926, 107.548

70, 25.926,
107.548

70, 25.926,
107.548

70, 35.045,
106.614

70, 16.610,
108.506

69, 43.819,
105.715

71, 7.184, 109.457

71, 2.290, 290.433

69, 52.033,
104.882

72, 11.773,
291.332

69, 59.371,
104.150

72, 21.238,
292.218

69, 65.424,
103.558

73, 30.666,
293.070

69, 69.761,
103.141


74, 40.042,
293.883

69, 72.245,
102.906

74, 43.948,
294.211

69, 72.748,

102.859

 74, 43.948,
294.212

Harmonies

Complementary

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



70, 25.926, 107.548



54, 27.672, 293.453

Rectangle

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



70, 25.926, 107.548



70, 25.926, 157.548



70, 25.926, 287.548



70, 25.926, 337.548

Sweetspot

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



70, 25.927, 107.552



90, 9.395, 109.406



57, 20.016, 21.582



48, 6.730, 109.265



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, 25.927, 107.552



89, 38.329, 106.987



68, 27.814, 127.809



37, 5.341, 109.296



60, 65.376, 102.859



7, 11.345, 110.183

Inverse Universe

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



54, 27.672, 293.453



66, 41.606, 294.375



57, 28.884, 310.379



33, 5.457, 291.131



17, 90.271, 306.288



1, 11.347, 290.181

Previews

White Background



This preview shows how the CIELCh color 70, 25.926, 107.548 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, 25.926, 107.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

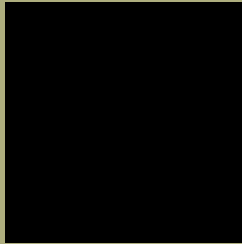
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 25.926, 107.548

Background



This preview shows how black text looks on a background with the CIELCh color 70, 25.926, 107.548.



This preview shows how white text looks on a background with the CIELCh color 70, 25.926, 107.548.

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, 25.926, 107.548

Protanopia

70, 25.534, 95.367

Deuteranopia

70, 25.588, 69.474



Tritanopia
70, 8.873, 326.827

Trichromacy



Original Color
70, 25.926, 107.548

Protanomaly
70, 25.661, 100.137

Deuteranomaly
70, 24.563, 83.739

Tritanomaly
70, 6.263, 79.881

Monochromacy



Original Color
70, 25.926, 107.548

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.283, 109.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 25.926, 107.548 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(174, 174, 126)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 126)  
}
```

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(174, 174, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 25.926, 107.548 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(174, 174, 126) }
```

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

```
.border{ border-color:rgb(174, 174, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 174, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 126);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 25.926, 107.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 174, 126) }
```

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

```
.background{ background-color: rgb(174,  
174, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor