

Converting Colors

CIELCh(70, 25.229, 114.927)

Have a look what the booklet for
CIELCh(70, 25.229, 114.927)
contains.

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Color

CIELCh(70, 25.583, 114.941)

Conversions

Conversions Part 1

Format	Color
Hex	A8B081
RGB	168, 176, 129
RGB Percent	66%, 69%, 51%
CMY	0.3427, 0.3114, 0.4956
CMYK	0.05, 0.00, 0.27, 0.31
HSL	70°, 23%, 60%
HSV	70°, 27%, 69%
XYZ	35.4470, 40.7494, 26.6330
YIQ	168.2500, 10.3190, -16.3130

Conversions

Conversions Part 2

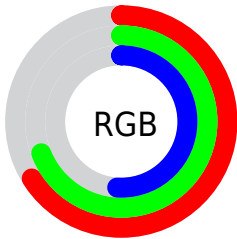
Format	Color
RYB	129, 176, 137
Decimal	11055233
CIELab	70.00, -10.79, 23.20
CIELCh	70, 25.583, 114.941
Yxy	40.7494, 0.3447, 0.3963
Android (android.graphics.Color)	4289245313 (0xFFA8B081)
YUV	168.2500, -19.3502, -0.2192
Hunter-Lab	63.8353, -12.5926, 19.9481

Details

The CIELCh color **70, 25.583, 114.941** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 27.151, 299.115**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 25.880, 114.858**, and **50, 26.047, 115.618** is the 20% darker color. If you saturate the color by 10%, you get **69, 34.890, 114.240**, and if you desaturate by 10%, it is **71, 16.090, 115.663**.

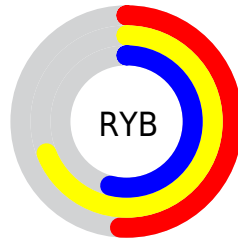
Distribution



Red (66%)

Green (69%)

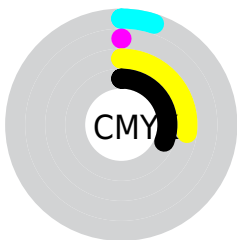
Blue (51%)



Red (51%)

Yellow (69%)

Blue (54%)

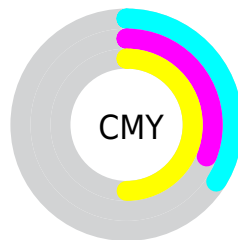


Cyan (5%)

Magenta (0%)

Yellow (27%)

Black (31%)



Cyan (34%)


Magenta (31%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 25.583, 114.941 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, 25.583, 114.941 by changing the saturation by 10% instead.


 70, 25.583,
114.941


 70, 25.583,
114.941


 100, 25.583,
114.941


 60, 25.583,
114.941


 90, 25.583,
114.941

 50, 25.583,
114.941

 40, 25.583,
114.941

 30, 25.583,
114.941

 20, 25.583,
114.941

 10, 25.583,
114.941

 0, 25.583, 114.941

■ 70, 25.583,
114.941

■ 70, 25.583,
114.941

■ 69, 34.890,
114.240

■ 71, 16.090,
115.663

■ 69, 43.870,
113.580

■ 71, 6.497, 116.376

■ 69, 52.319,
113.003

■ 72, 3.134, 297.072

■ 68, 59.940,
112.567

■ 73, 12.761,
297.741

■ 68, 66.333,
112.347

■ 73, 22.354,
298.378

■ 68, 71.066,
112.426

■ 74, 31.890,
298.981

■ 67, 73.916,
112.855

■ 75, 41.352,
299.546

■ 67, 74.675,

■ 76, 43.282,
300.655

113.020

■ 76, 43.394,
301.907

Harmonies

Complementary

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



70, 25.583, 114.941



56, 27.151, 299.115

Rectangle

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



70, 25.583, 114.941



70, 25.583, 164.941



70, 25.583, 294.941



70, 25.583, 344.941

Sweetspot

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



70, 25.585, 114.944



90, 9.564, 116.278



60, 16.951, 35.838



48, 6.789, 116.173



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, 25.585, 114.944



89, 37.894, 114.532



68, 28.450, 133.455



36, 5.388, 116.196



58, 66.611, 112.902



7, 11.517, 119.346

Inverse Universe

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



56, 27.151, 299.115



68, 40.823, 299.729



58, 29.096, 315.797



34, 5.500, 297.539



18, 89.091, 307.125



1, 11.413, 295.628

Previews

White Background



This preview shows how the CIELCh color 70, 25.583, 114.941 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, 25.583, 114.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

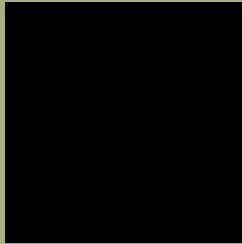
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 25.583, 114.941

Background



This preview shows how black text looks on a background with the CIELCh color 70, 25.583, 114.941.

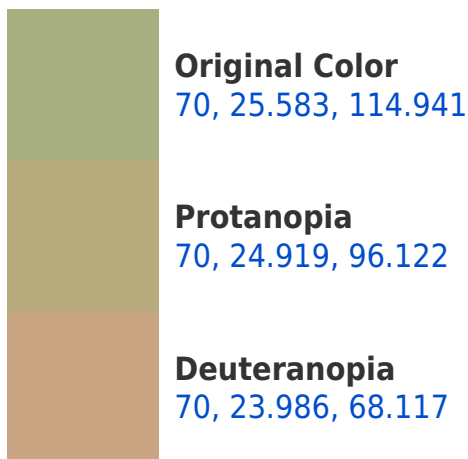



This preview shows how white text looks on a background with the CIELCh color 70, 25.583, 114.941.

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





Tritanopia
70, 7.492, 308.026

Trichromacy



Original Color
70, 25.583, 114.941

Protanomaly
70, 24.938, 103.849

Deuteranomaly
70, 22.527, 85.246

Tritanomaly
70, 4.376, 104.700

Monochromacy



Original Color
70, 25.583, 114.941

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.360, 116.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 25.583, 114.941 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(168, 176, 129)` looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 129)  
}
```

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(168, 176, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 25.583, 114.941 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(168, 176, 129) }
```

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

```
.border{ border-color:rgb(168, 176, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 176, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 176, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 176, 129);  
box-shadow:4px 4px 4px 4px rgb(168, 176,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 25.583, 114.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 176, 129) }
```

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

```
.background{ background-color: rgb(168,  
176, 129) }
```

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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