

Converting Colors

CIELCh(70, 25.199, 130.004)

Have a look what the booklet for
CIELCh(70, 25.199, 130.004)
contains.

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Color

CIELCh(70, 25.177, 130.011)

Conversions

Conversions Part 1

Format	Color
Hex	9BB388
RGB	155, 179, 136
RGB Percent	61%, 70%, 53%
CMY	0.3939, 0.2998, 0.4684
CMYK	0.13, 0.00, 0.24, 0.30
HSL	93°, 22%, 62%
HSV	93°, 24%, 70%
XYZ	33.8755, 40.7494, 29.2120
YIQ	166.9220, -0.5010, -18.4610

Conversions

Conversions Part 2

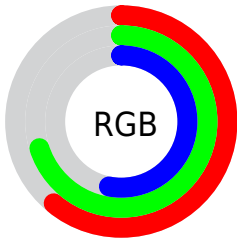
Format	Color
RYB	136, 179, 160
Decimal	10204040
CIELab	70.00, -16.19, 19.28
CIELCh	70, 25.177, 130.011
Yxy	40.7494, 0.3262, 0.3924
Android (android.graphics.Color)	4288394120 (0xFF9BB388)
YUV	166.9220, -15.2445, -10.4556
Hunter-Lab	63.8353, -16.9869, 17.5527

Details

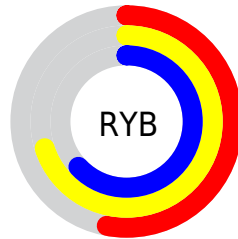
The CIELCh color $70, 25.177, 130.011$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $60, 25.902, 312.143$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $90, 25.503, 129.701$, and $50, 25.051, 130.257$ is the 20% darker color. If you saturate the color by 10%, you get $69, 35.540, 129.530$, and if you desaturate by 10%, it is $71, 14.714, 130.482$.

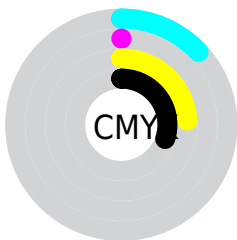
Distribution



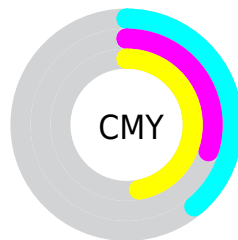
- Red (61%)
- Green (70%)
- Blue (53%)



- Red (53%)
- Yellow (70%)
- Blue (63%)



- Cyan (13%)
- Magenta (0%)
- Yellow (24%)
- Black (30%)





- Cyan (39%)
- Magenta (30%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 25.177, 130.011 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, 25.177, 130.011 by changing the saturation by 10% instead.


 70, 25.177,
130.011


 70, 25.177,
130.011


 100, 25.177,
130.011


 60, 25.177,
130.011


 90, 25.177,
130.011

 50, 25.177,
130.011

 40, 25.177,
130.011

 30, 25.177,
130.011

 20, 25.177,
130.011

 10, 25.177,
130.011

 0, 25.177, 130.011

70, 25.177,
130.011

70, 25.177,
130.011

69, 35.540,
129.530

71, 14.714,
130.482

68, 45.659,
129.058

72, 4.242, 130.940

67, 55.341,
128.639

74, 6.169, 311.290

67, 64.307,
128.342

75, 16.469,
311.665

66, 72.183,
128.267

76, 26.624,
311.992

65, 78.528,
128.539

78, 36.611,
312.281

65, 82.980,
129.266

79, 43.694,
313.784

65, 84.994,

80, 44.835,
317.952

129.801

 81, 46.186,
321.964

Harmonies

Complementary

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



70, 25.177, 130.011



60, 25.902, 312.143

Rectangle

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



70, 25.177, 130.011



70, 25.177, 180.011



70, 25.177, 310.011



70, 25.177, 0.011

Sweetspot

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



70, 25.179, 130.013



91, 9.038, 130.797



67, 15.289, 77.568



49, 5.922, 130.771



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 25.179, 130.013



88, 37.494, 129.751



69, 27.844, 144.210



37, 5.913, 130.698



56, 75.691, 129.607



7, 14.686, 134.377

Inverse Universe

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



60, 25.902, 312.143



73, 38.833, 312.405



62, 27.866, 327.136



35, 5.983, 311.458



24, 84.046, 313.467



2, 13.984, 307.195

Previews

White Background



This preview shows how the CIELCh color 70, 25.177, 130.011 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, 25.177, 130.011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

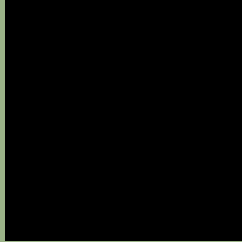
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 25.177, 130.011

Background



This preview shows how black text looks on a background with the CIELCh color 70, 25.177, 130.011.



This preview shows how white text looks on a background with the CIELCh color 70, 25.177, 130.011.

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](#).

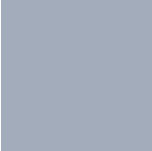
Dichromacy



Original Color
70, 25.177, 130.011

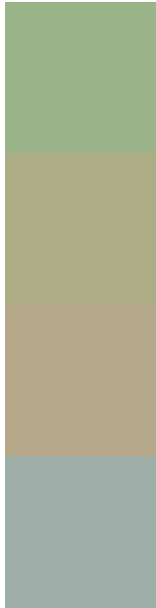
Protanopia
70, 21.257, 94.617

Deuteranopia
70, 19.721, 63.535



Tritanopia
70, 8.387, 265.663

Trichromacy



Original Color
70, 25.177, 130.011

Protanomaly
70, 21.688, 109.048

Deuteranomaly
70, 17.719, 91.045

Tritanomaly
70, 6.530, 168.718

Monochromacy



Original Color
70, 25.177, 130.011

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.443, 130.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 25.177, 130.011 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(155, 179, 136)` looks like.

```
.text, #text, p{  
    color:rgb(155, 179, 136)  
}
```

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(155, 179, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 179, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 25.177, 130.011 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(155, 179, 136) }
```

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

```
.border{ border-color:rgb(155, 179, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 179, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 179, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 179, 136);  
box-shadow:4px 4px 4px 4px rgb(155, 179,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 25.177, 130.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 179, 136) }
```

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

```
.background{ background-color: rgb(155,  
179, 136) }
```

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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