

Converting Colors

CIELCh(70, 30.581, 135.978)

Have a look what the booklet for
CIELCh(70, 30.581, 135.978)
contains.

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Color

CIELCh(70, 30.298, 136.131)

Conversions

Conversions Part 1

Format	Color
Hex	90B584
RGB	144, 181, 132
RGB Percent	56%, 71%, 52%
CMY	0.4345, 0.2894, 0.4816
CMYK	0.20, 0.00, 0.27, 0.29
HSL	105°, 25%, 61%
HSV	105°, 27%, 71%
XYZ	32.2800, 40.7494, 28.0634
YIQ	164.3510, -6.3230, -23.0830

Conversions

Conversions Part 2

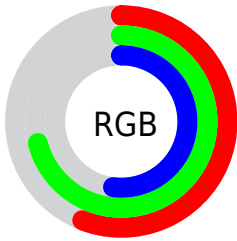
Format	Color
RYB	132, 181, 169
Decimal	9483652
CIELab	70.00, -21.84, 21.00
CIELCh	70, 30.298, 136.131
Yxy	40.7494, 0.3193, 0.4031
Android (android.graphics.Color)	4287673732 (0xFF90B584)
YUV	164.3510, -15.9490, -17.8478
Hunter-Lab	63.8353, -21.4485, 18.6195

Details

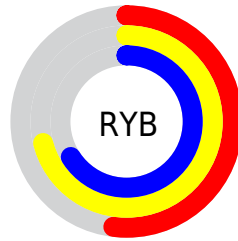
The CIELCh color **70, 30.298, 136.131** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 30.778, 318.607**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 30.521, 136.243**, and **50, 30.302, 135.840** is the 20% darker color. If you saturate the color by 10%, you get **69, 41.381, 135.545**, and if you desaturate by 10%, it is **71, 19.077, 136.673**.

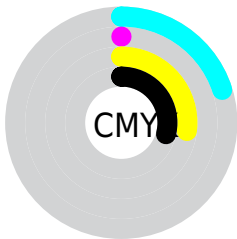
Distribution



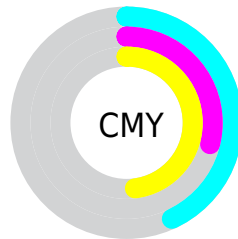
- Red (56%)
- Green (71%)
- Blue (52%)



- Red (52%)
- Yellow (71%)
- Blue (66%)



- Cyan (20%)
- Magenta (0%)
- Yellow (27%)
- Black (29%)





- Cyan (43%)
- Magenta (29%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 30.298, 136.131 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, 30.298, 136.131 by changing the saturation by 10% instead.


 70, 30.298,
136.131


 70, 30.298,
136.131


 100, 30.298,
136.131


 60, 30.298,
136.131


 90, 30.298,
136.131

 50, 30.298,
136.131

 40, 30.298,
136.131

 30, 30.298,
136.131

 20, 30.298,
136.131

 10, 30.298,
136.131

 0, 30.298, 136.131

70, 30.298,
136.131

70, 30.298,
136.131

69, 41.381,
135.545

71, 19.077,
136.673

68, 52.133,
134.933

73, 7.851, 137.169

67, 62.299,
134.338

74, 3.280, 317.514

66, 71.531,
133.833

76, 14.247,
317.927

66, 79.392,
133.525

78, 25.002,
318.252

65, 85.410,
133.541

79, 35.515,
318.528

65, 89.329,
133.938

81, 43.915,
319.995

65, 90.280,

83, 45.996,
325.506

134.042

 83, 46.220,
326.024

Harmonies

Complementary

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



70, 30.298, 136.131



60, 30.778, 318.607

Rectangle

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



70, 30.298, 136.131



70, 30.298, 186.131



70, 30.298, 316.131



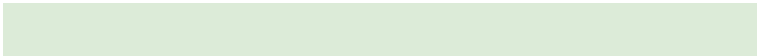
70, 30.298, 6.131

Sweetspot

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



70, 30.300, 136.132



91, 11.001, 137.116



69, 20.653, 93.982



48, 7.818, 137.044



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, 30.300, 136.132



88, 44.172, 135.815



70, 27.412, 150.297



38, 6.388, 137.058



56, 80.520, 133.909



8, 17.866, 139.435

Inverse Universe

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



60, 30.778, 318.607



73, 45.002, 318.842



61, 27.599, 334.142



36, 6.430, 317.828



30, 81.940, 319.268



2, 16.961, 314.454

Previews

White Background



This preview shows how the CIELCh color 70, 30.298, 136.131 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, 30.298, 136.131 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, 30.298, 136.131

Background



This preview shows how black text looks on a background with the CIELCh color 70, 30.298, 136.131.



This preview shows how white text looks on a background with the CIELCh color 70, 30.298, 136.131.

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, 30.298, 136.131

Protanopia

70, 23.986, 94.761

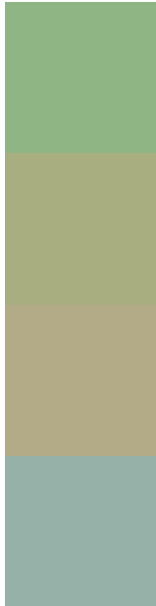
Deuteranopia

70, 21.262, 65.598



Tritanopia
70, 10.487, 246.185

Trichromacy



Original Color
70, 30.298, 136.131

Protanomaly
70, 24.431, 112.501

Deuteranomaly
70, 19.400, 97.297

Tritanomaly
70, 11.175, 172.319

Monochromacy



Original Color
70, 30.298, 136.131

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 11.284, 137.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 30.298, 136.131 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(144, 181, 132)` looks like.

```
.text, #text, p{  
    color:rgb(144, 181, 132)  
}
```

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(144, 181, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 181, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 30.298, 136.131 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(144, 181, 132) }
```

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

```
.border{ border-color:rgb(144, 181, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 181, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 181, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 181, 132);  
box-shadow:4px 4px 4px 4px rgb(144, 181,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 30.298, 136.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 181, 132) }
```

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

```
.background{ background-color: rgb(144,  
181, 132) }
```

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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