

Converting Colors

CIELCh(69, 30.233, 130.717)

Have a look what the booklet for
CIELCh(69, 30.233, 130.717)
contains.

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Color

CIELCh(69, 30.144, 130.800)

Conversions

Conversions Part 1

Format	Color
Hex	93B17E
RGB	147, 177, 126
RGB Percent	58%, 69%, 49%
CMY	0.4221, 0.3044, 0.5045
CMYK	0.17, 0.00, 0.29, 0.30
HSL	95°, 25%, 60%
HSV	95°, 29%, 70%
XYZ	31.6829, 39.3444, 25.7825
YIQ	162.2160, -1.5090, -22.2210

Conversions

Conversions Part 2

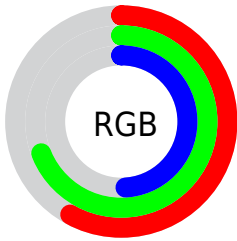
Format	Color
RYB	126, 177, 156
Decimal	9679230
CIELab	69.00, -19.70, 22.82
CIELCh	69, 30.144, 130.800
Yxy	39.3444, 0.3273, 0.4064
Android (android.graphics.Color)	4287869310 (0xFF93B17E)
YUV	162.2160, -17.8545, -13.3444
Hunter-Lab	62.7251, -19.6074, 19.5370

Details

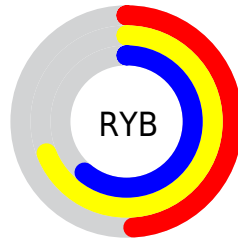
The CIELCh color **69, 30.144, 130.800** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57, 31.106, 313.350**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 30.225, 130.575**, and **49, 30.128, 130.210** is the 20% darker color. If you saturate the color by 10%, you get **68, 40.452, 130.312**, and if you desaturate by 10%, it is **70, 19.680, 131.282**.

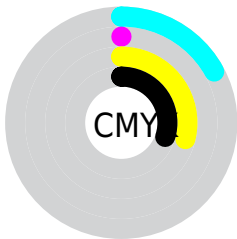
Distribution



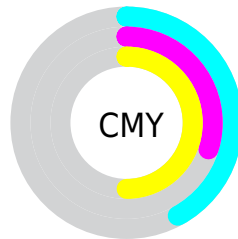
- Red (58%)
- Green (69%)
- Blue (49%)



- Red (49%)
- Yellow (69%)
- Blue (61%)



- Cyan (17%)
- Magenta (0%)
- Yellow (29%)
- Black (30%)





- Cyan (42%)
- Magenta (30%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 30.144, 130.800 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 69, 30.144, 130.800 by changing the saturation by 10% instead.

 69, 30.144,
130.800

 69, 30.144,
130.800


 100, 30.144,
130.800


 59, 30.144,
130.800


 89, 30.144,
130.800

 49, 30.144,
130.800

 99, 30.144,
130.800

 39, 30.144,
130.800

 29, 30.144,
130.800

 19, 30.144,
130.800

 9, 30.144, 130.800

 0, 30.144, 130.800

69, 30.144,
130.800

69, 30.144,
130.800

68, 40.452,
130.312

70, 19.680,
131.282

67, 50.435,
129.845

71, 9.172, 131.739

66, 59.860,
129.454

73, 1.297, 312.035

66, 68.403,
129.221

74, 11.667,
312.500

65, 75.651,
129.259

75, 21.897,
312.840

65, 81.170,
129.694

77, 31.960,
313.138


64, 84.905,
130.522

78, 41.835,
313.400

64, 85.326,

79, 45.151,
316.690

130.617

 80, 46.492,
320.878

Harmonies

Complementary

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



69, 30.144, 130.800



57, 31.106, 313.350

Rectangle

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



69, 30.144, 130.800



69, 30.144, 180.800



69, 30.144, 310.800



69, 30.144, 0.800

Sweetspot

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



69, 30.146, 130.801



90, 11.613, 131.722



66, 18.752, 80.162



47, 8.066, 131.658



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 30.146, 130.801



86, 45.114, 130.467



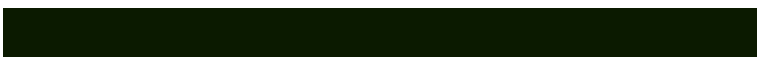
68, 32.322, 144.760



37, 5.958, 131.714



56, 76.365, 130.436



7, 14.781, 135.158

Inverse Universe

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



57, 31.106, 313.350



69, 46.922, 313.669



59, 32.349, 328.401



35, 6.024, 312.463



25, 83.523, 314.249



2, 14.069, 308.244

Previews

White Background



This preview shows how the CIELCh color 69, 30.144, 130.800 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 69, 30.144, 130.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

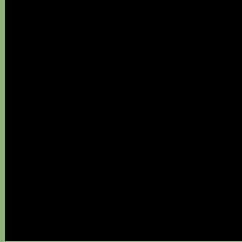
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 30.144, 130.800

Background



This preview shows how black text looks on a background with the CIELCh color 69, 30.144, 130.800.



This preview shows how white text looks on a background with the CIELCh color 69, 30.144, 130.800.

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](#).

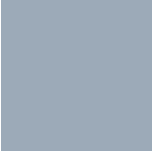
Dichromacy



Original Color
69, 30.144, 130.800

Protanopia
69, 25.615, 95.307

Deuteranopia
69, 22.926, 67.292



Tritanopia
69, 9.060, 257.514

Trichromacy



Original Color
69, 30.144, 130.800

Protanomaly
69, 25.488, 109.415

Deuteranomaly
69, 21.326, 94.564

Tritanomaly
69, 9.349, 162.728

Monochromacy



Original Color
69, 30.144, 130.800

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 10.797, 132.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 30.144, 130.800 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(147, 177, 126)` looks like.

```
.text, #text, p{  
    color:rgb(147, 177, 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(147, 177, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 177, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 30.144, 130.800 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(147, 177, 126) }
```

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

```
.border{ border-color:rgb(147, 177, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 177, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 177, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 177, 126);  
box-shadow:4px 4px 4px 4px rgb(147, 177,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 30.144, 130.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 177, 126) }
```

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

```
.background{ background-color: rgb(147,  
177, 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](#).

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