

Converting Colors

CIELCh(70, 27.592, 156.480)

Have a look what the booklet for
CIELCh(70, 27.592, 156.480)
contains.

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Color

CIELCh(70, 27.592, 156.480)

Conversions

Conversions Part 1

Format	Color
Hex	7FB796
RGB	127, 183, 150
RGB Percent	50%, 72%, 59%
CMY	0.5007, 0.2811, 0.4105
CMYK	0.31, 0.00, 0.18, 0.28
HSL	145°, 28%, 61%
HSV	145°, 31%, 72%
XYZ	31.3298, 40.7494, 35.2004
YIQ	162.4940, -22.7830, -22.1350

Conversions

Conversions Part 2

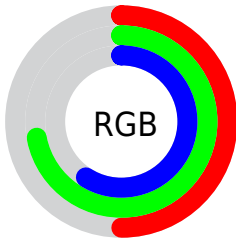
Format	Color
RYB	127, 167, 183
Decimal	8370070
CIELab	70.00, -25.30, 11.01
CIElCh	70, 27.592, 156.480
Yxy	40.7494, 0.2920, 0.3798
Android (android.graphics.Color)	4286560150 (0xFF7FB796)
YUV	162.4940, -6.1595, -31.1282
Hunter-Lab	63.8353, -24.1055, 11.9907

Details

The CIELCh color **70, 27.592, 156.480** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 28.227, 341.655**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 27.553, 156.436**, and **50, 27.754, 156.081** is the 20% darker color. If you saturate the color by 10%, you get **69, 36.320, 155.359**, and if you desaturate by 10%, it is **71, 18.627, 157.467**.

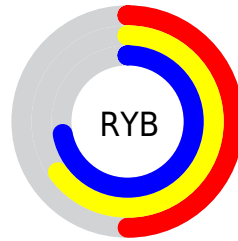
Distribution



Red (50%)

Green (72%)

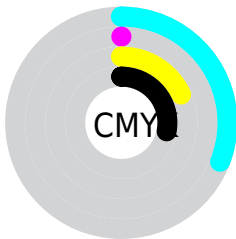
Blue (59%)



Red (50%)

Yellow (65%)

Blue (72%)

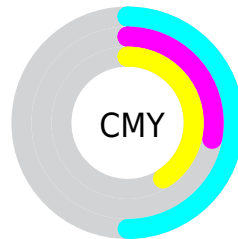


Cyan (31%)

Magenta (0%)

Yellow (18%)

Black (28%)



Cyan (50%)


Magenta (28%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 27.592, 156.480 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, 27.592, 156.480 by changing the saturation by 10% instead.


 70, 27.592,
156.480

 70, 27.592,
156.480


 100, 27.592,
156.480


 60, 27.592,
156.480


 90, 27.592,
156.480

 50, 27.592,
156.480

 40, 27.592,
156.480

 30, 27.592,
156.480

 20, 27.592,
156.480

 10, 27.592,
156.480

 0, 27.592, 156.480

70, 27.592,
156.480

70, 27.592,
156.480

69, 36.320,
155.359

71, 18.627,
157.467

68, 44.656,
154.083

73, 9.556, 158.353

74, 0.494, 159.801

67, 52.442,
152.628

76, 8.472, 339.742

66, 59.537,
150.976

78, 17.275,
340.390

66, 65.830,
149.123

80, 25.871,
340.968

66, 71.271,
147.082

82, 34.060,
341.211

65, 75.735,
145.096

83, 37.725,
334.443

■ 83, 41.860,
329.042

Harmonies

Complementary

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



70, 27.592, 156.480



60, 28.227, 341.655

Rectangle

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



70, 27.592, 156.480



70, 27.592, 206.480



70, 27.592, 336.480



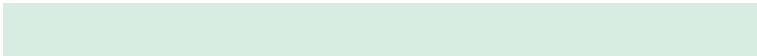
70, 27.592, 26.480

Sweetspot

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



70, 27.593, 156.479



92, 10.039, 158.473



72, 31.359, 123.969



49, 7.036, 158.349



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 27.593, 156.479



87, 40.969, 155.705



71, 19.638, 188.815



38, 5.133, 158.457



56, 66.634, 145.400



8, 15.260, 154.365

Inverse Universe

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



60, 28.227, 341.655



72, 42.062, 342.358



59, 23.202, 14.274



36, 5.177, 339.796



34, 60.275, 353.349



3, 12.915, 345.627

Previews

White Background



This preview shows how the CIELCh color 70, 27.592, 156.480 looks on a white background.

Color Contrast Check

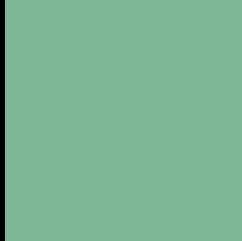
Large Text (above 18pt) WCAG AA × Fail

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, 27.592, 156.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

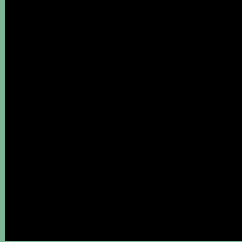
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 27.592, 156.480

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.592, 156.480.

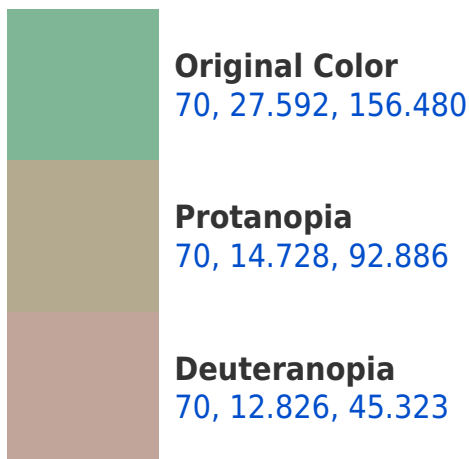


This preview shows how white text looks on a background with the CIELCh color 70, 27.592, 156.480.

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, 15.857, 227.520

Trichromacy



Original Color
70, 27.592, 156.480

Protanomaly
70, 16.738, 127.722

Deuteranomaly
69, 9.857, 113.719

Tritanomaly
70, 16.544, 192.346

Monochromacy



Original Color
70, 27.592, 156.480

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 10.099, 157.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.592, 156.480 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(127, 183, 150)` looks like.

```
.text, #text, p{  
    color:rgb(127, 183, 150)  
}
```

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(127, 183, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 183, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.592, 156.480 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(127, 183, 150) }
```

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

```
.border{ border-color:rgb(127, 183, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 183, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 183, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 183, 150);  
box-shadow:4px 4px 4px 4px rgb(127, 183,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.592, 156.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 183, 150) }
```

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

```
.background{ background-color: rgb(127,  
183, 150) }
```

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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