

Converting Colors

CIELCh(70, 31.521, 161.710)

Have a look what the booklet for
CIELCh(70, 31.521, 161.710)
contains.

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Color

CIELCh(70, 31.362, 161.813)

Conversions

Conversions Part 1

Format	Color
Hex	72B998
RGB	114, 185, 152
RGB Percent	45%, 73%, 60%
CMY	0.5514, 0.2729, 0.4024
CMYK	0.38, 0.00, 0.18, 0.27
HSL	152°, 34%, 59%
HSV	152°, 38%, 73%
XYZ	30.1223, 40.7494, 36.1492
YIQ	160.0090, -31.7230, -25.3150

Conversions

Conversions Part 2

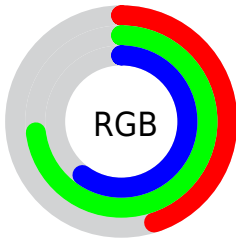
Format	Color
RYB	114, 160, 185
Decimal	7518616
CIELab	70.00, -29.80, 9.79
CIElCh	70, 31.362, 161.813
Yxy	40.7494, 0.2815, 0.3808
Android (android.graphics.Color)	4285708696 (0xFF72B998)
YUV	160.0090, -3.9484, -40.3499
Hunter-Lab	63.8353, -27.4820, 11.1094

Details

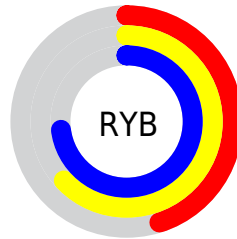
The CIELCh color **70, 31.362, 161.813** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57, 33.124, 349.476**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 31.318, 161.896**, and **50, 31.162, 162.065** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.903, 160.528**, and if you desaturate by 10%, it is **71, 23.432, 162.956**.

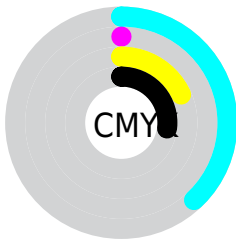
Distribution



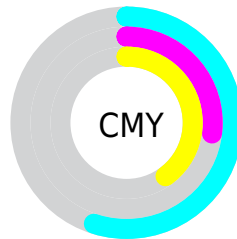
- Red (45%)
- Green (73%)
- Blue (60%)



- Red (45%)
- Yellow (63%)
- Blue (73%)



- Cyan (38%)
- Magenta (0%)
- Yellow (18%)
- Black (27%)





- Cyan (55%)
- Magenta (27%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 31.362, 161.813 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, 31.362, 161.813 by changing the saturation by 10% instead.


 70, 31.362,
161.813


 70, 31.362,
161.813


 100, 31.362,
161.813


 60, 31.362,
161.813


 90, 31.362,
161.813

 50, 31.362,
161.813

 40, 31.362,
161.813

 30, 31.362,
161.813

 20, 31.362,
161.813

 10, 31.362,
161.813

 0, 31.362, 161.813

70, 31.362,
161.813

70, 31.362,
161.813

69, 38.903,
160.528

71, 23.432,
162.956

68, 45.913,
159.078

72, 15.245,
163.986

68, 52.269,
157.440

74, 6.926, 164.938

67, 57.882,
155.596

76, 1.421, 345.440

77, 9.714, 346.446

67, 62.719,
153.542

79, 17.889,
347.174

66, 66.867,
151.331

81, 25.902,
347.841

66, 67.546,
150.969

83, 31.453,
345.252

■ 83, 34.092,
338.930

Harmonies

Complementary

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



70, 31.362, 161.813



57, 33.124, 349.476

Rectangle

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



70, 31.362, 161.813



70, 31.362, 211.813



70, 31.362, 341.813



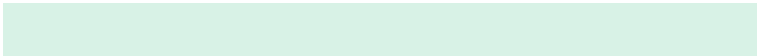
70, 31.362, 31.813

Sweetspot

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



70, 31.363, 161.812



93, 11.404, 164.667



71, 40.818, 128.464



50, 7.724, 164.539



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 31.363, 161.812



88, 46.173, 160.734



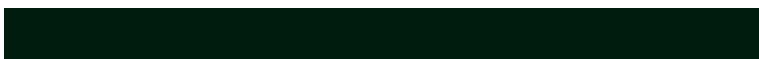
70, 22.494, 200.990



38, 4.689, 164.841



56, 58.930, 151.308



8, 14.104, 159.130

Inverse Universe

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



57, 33.124, 349.476



68, 49.217, 350.660



56, 29.548, 25.340



36, 4.757, 346.330



33, 58.399, 4.686



2, 11.980, 352.790

Previews

White Background



This preview shows how the CIELCh color 70, 31.362, 161.813 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, 31.362, 161.813 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, 31.362, 161.813

Background



This preview shows how black text looks on a background with the CIELCh color 70, 31.362, 161.813.

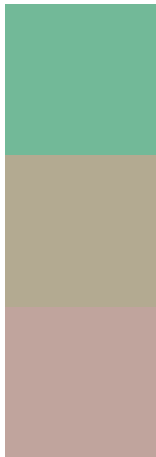


This preview shows how white text looks on a background with the CIELCh color 70, 31.362, 161.813.

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](#).

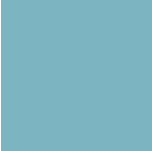
Dichromacy



Original Color
70, 31.362, 161.813

Protanopia
70, 14.093, 93.950

Deuteranopia
70, 11.745, 39.167



Tritanopia
70, 19.566, 221.345

Trichromacy



Original Color
70, 31.362, 161.813

Protanomaly
70, 17.169, 135.488

Deuteranomaly
69, 9.809, 127.603

Tritanomaly
70, 20.785, 193.183

Monochromacy



Original Color
70, 31.362, 161.813

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 11.865, 164.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 31.362, 161.813 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(114, 185, 152)` looks like.

```
.text, #text, p{  
    color:rgb(114, 185, 152)  
}
```

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(114, 185, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 185, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 31.362, 161.813 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(114, 185, 152) }
```

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

```
.border{ border-color:rgb(114, 185, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 185, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 185, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 185, 152); box-shadow:4px 4px 4px 4px rgb(114, 185, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 31.362, 161.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 185, 152) }
```

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

```
.background{ background-color: rgb(114,  
185, 152) }
```

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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