

Converting Colors

CIELCh(70, 31.992, 154.684)

Have a look what the booklet for
CIELCh(70, 31.992, 154.684)
contains.

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Color

CIELCh(70, 32.285, 154.470)

Conversions

Conversions Part 1

Format	Color
Hex	79B991
RGB	121, 185, 145
RGB Percent	47%, 73%, 57%
CMY	0.5259, 0.2749, 0.4318
CMYK	0.35, 0.00, 0.22, 0.27
HSL	143°, 31%, 60%
HSV	143°, 35%, 73%
XYZ	30.2983, 40.7494, 33.0138
YIQ	161.3040, -25.3040, -26.0080

Conversions

Conversions Part 2

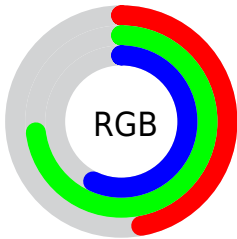
Format	Color
RYB	121, 168, 185
Decimal	7977361
CIELab	70.00, -29.13, 13.91
CIELCh	70, 32.285, 154.470
Yxy	40.7494, 0.2912, 0.3916
Android (android.graphics.Color)	4286167441 (0xFF79B991)
YUV	161.3040, -8.0379, -35.3466
Hunter-Lab	63.8353, -26.9899, 14.0216

Details

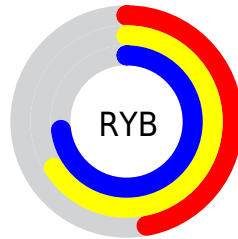
The CIELCh color **70, 32.285, 154.470** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59, 32.931, 340.275**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 32.080, 154.684**, and **50, 32.815, 154.018** is the 20% darker color. If you saturate the color by 10%, you get **69, 41.210, 153.305**, and if you desaturate by 10%, it is **71, 23.065, 155.490**.

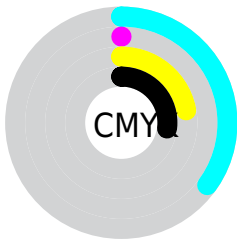
Distribution



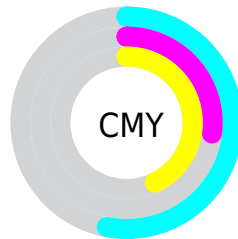
- Red (47%)
- Green (73%)
- Blue (57%)



- Red (47%)
- Yellow (66%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)





- Cyan (53%)
- Magenta (27%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 32.285, 154.470 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, 32.285, 154.470 by changing the saturation by 10% instead.


 70, 32.285,
154.470


 70, 32.285,
154.470


 100, 32.285,
154.470


 60, 32.285,
154.470


 90, 32.285,
154.470

 50, 32.285,
154.470

 40, 32.285,
154.470

 30, 32.285,
154.470

 20, 32.285,
154.470

 10, 32.285,
154.470

 0, 32.285, 154.470

70, 32.285,
154.470

70, 32.285,
154.470

69, 41.210,
153.305

71, 23.065,
155.490

68, 49.673,
151.974

73, 13.696,
156.392

67, 57.509,
150.456

74, 4.305, 157.234

67, 64.576,
148.741

76, 5.008, 337.786

66, 70.771,
146.835

78, 14.166,
338.457

66, 76.055,
144.773

80, 23.117,
339.033

66, 78.620,
143.689

82, 31.826,
339.551

83, 36.972,
334.295

■ 83, 41.423,
328.482

Harmonies

Complementary

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



70, 32.285, 154.470



59, 32.931, 340.275

Rectangle

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



70, 32.285, 154.470



70, 32.285, 204.470



70, 32.285, 334.470



70, 32.285, 24.470

Sweetspot

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



70, 32.286, 154.469



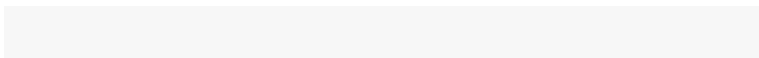
93, 11.557, 156.765



72, 35.433, 122.472



49, 7.884, 156.649



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, 32.286, 154.469



87, 48.017, 153.542



71, 22.464, 185.565



38, 5.270, 156.834



56, 68.720, 144.000



8, 15.569, 153.273

Inverse Universe

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



59, 32.931, 340.275



70, 49.058, 341.067



58, 26.780, 12.317



36, 5.308, 338.130



34, 61.279, 350.375



3, 13.250, 343.577

Previews

White Background



This preview shows how the CIELCh color 70, 32.285, 154.470 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, 32.285, 154.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

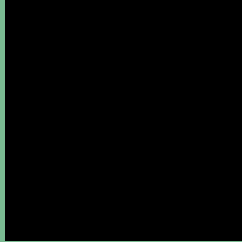
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 32.285, 154.470

Background



This preview shows how black text looks on a background with the CIELCh color 70, 32.285, 154.470.

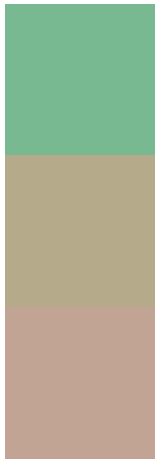


This preview shows how white text looks on a background with the CIELCh color 70, 32.285, 154.470.

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, 32.285, 154.470

Protanopia
70, 17.993, 93.986

Deuteranopia
70, 14.681, 53.915



Tritanopia
70, 17.388, 226.724

Trichromacy



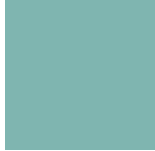
Original Color
70, 32.285, 154.470



Protanomaly
69, 19.567, 127.147



Deuteranomaly
69, 13.237, 117.396



Tritanomaly
70, 18.963, 189.526

Monochromacy



Original Color
70, 32.285, 154.470



Achromatopsia
66, 0.008, 296.813



Achromatomaly
67, 12.355, 156.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 32.285, 154.470 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(121, 185, 145)` looks like.

```
.text, #text, p{  
    color:rgb(121, 185, 145)  
}
```

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(121, 185, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 185, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 32.285, 154.470 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(121, 185, 145) }
```

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

```
.border{ border-color:rgb(121, 185, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 185, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 185, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 185, 145);  
box-shadow:4px 4px 4px 4px rgb(121, 185,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 32.285, 154.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 185, 145) }
```

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

```
.background{ background-color: rgb(121,  
185, 145) }
```

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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