

Converting Colors

CIELCh(70, 28.564, 165.009)

Have a look what the booklet for
CIELCh(70, 28.564, 165.009)
contains.

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Color

CIELCh(70, 28.843, 165.032)

Conversions

Conversions Part 1

Format	Color
Hex	75B99D
RGB	117, 185, 157
RGB Percent	46%, 73%, 62%
CMY	0.5424, 0.2757, 0.3855
CMYK	0.37, 0.00, 0.15, 0.28
HSL	155°, 33%, 59%
HSV	155°, 37%, 72%
XYZ	30.6371, 40.7494, 38.0121
YIQ	161.4760, -31.5400, -23.1240

Conversions

Conversions Part 2

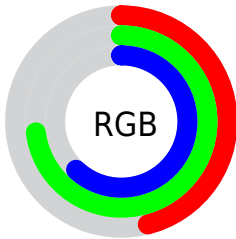
Format	Color
RYB	117, 160, 185
Decimal	7715229
CIELab	70.00, -27.86, 7.45
CIELCh	70, 28.843, 165.032
Yxy	40.7494, 0.2800, 0.3725
Android (android.graphics.Color)	4285905309 (0xFF75B99D)
YUV	161.4760, -2.2067, -39.0055
Hunter-Lab	63.8353, -26.0426, 9.3792

Details

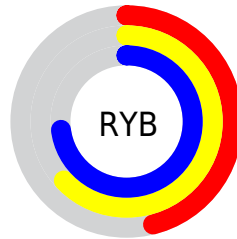
The CIELCh color **70, 28.843, 165.032** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57, 30.880, 352.625**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 28.581, 165.717**, and **50, 28.930, 164.846** is the 20% darker color. If you saturate the color by 10%, you get **69, 36.023, 163.763**, and if you desaturate by 10%, it is **71, 21.273, 166.170**.

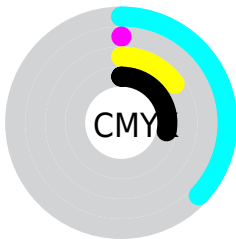
Distribution



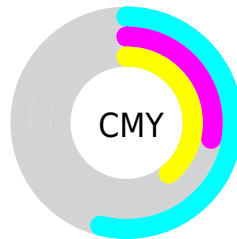
- Red (46%)
- Green (73%)
- Blue (62%)



- Red (46%)
- Yellow (63%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)





- Cyan (54%)
- Magenta (28%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 28.843, 165.032 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, 28.843, 165.032 by changing the saturation by 10% instead.


 70, 28.843,
165.032


 70, 28.843,
165.032


 100, 28.843,
165.032


 60, 28.843,
165.032


 90, 28.843,
165.032

 50, 28.843,
165.032

 40, 28.843,
165.032

 30, 28.843,
165.032

 20, 28.843,
165.032

 10, 28.843,
165.032

 0, 28.843, 165.032

70, 28.843,
165.032

70, 28.843,
165.032

69, 36.023,
163.763

71, 21.273,
166.170

68, 42.677,
162.341

72, 13.440,
167.206

67, 48.688,
160.741

74, 5.462, 168.184

76, 2.561, 348.805

67, 53.969,
158.942

77, 10.549,
349.721

67, 58.489,
156.933

79, 18.439,
350.478

66, 62.302,
154.738

81, 26.189,
351.178

66, 63.454,
154.052

82, 30.850,
348.122

■ 83, 32.987,
342.152

Harmonies

Complementary

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



70, 28.843, 165.032



57, 30.880, 352.625

Rectangle

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



70, 28.843, 165.032



70, 28.843, 215.032



70, 28.843, 345.032



70, 28.843, 35.032

Sweetspot

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



70, 28.844, 165.031



93, 10.891, 167.757



71, 39.689, 130.240



49, 7.311, 167.627



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, 28.844, 165.031



88, 42.025, 164.040



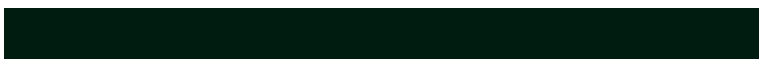
69, 20.683, 206.539



38, 4.518, 167.936



56, 55.550, 154.383



8, 13.584, 161.717

Inverse Universe

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



57, 30.880, 352.625



69, 45.587, 353.793



58, 26.986, 28.999



36, 4.600, 349.480



33, 58.465, 9.788



2, 11.681, 355.770

Previews

White Background



This preview shows how the CIELCh color 70, 28.843, 165.032 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, 28.843, 165.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

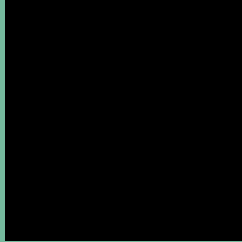
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 28.843, 165.032

Background



This preview shows how black text looks on a background with the CIELCh color 70, 28.843, 165.032.



This preview shows how white text looks on a background with the CIELCh color 70, 28.843, 165.032.

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, 28.843, 165.032

Protanopia
70, 11.879, 93.484

Deuteranopia
70, 10.320, 29.336



Tritanopia
70, 19.206, 223.688

Trichromacy



Original Color
70, 28.843, 165.032

Protanomaly
69, 14.589, 138.968

Deuteranomaly
69, 7.927, 135.195

Tritanomaly
70, 20.002, 196.234

Monochromacy



Original Color
70, 28.843, 165.032

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 11.222, 165.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 28.843, 165.032 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(117, 185, 157)` looks like.

```
.text, #text, p{  
    color:rgb(117, 185, 157)  
}
```

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(117, 185, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 185, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 28.843, 165.032 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(117, 185, 157) }
```

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

```
.border{ border-color:rgb(117, 185, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 185, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 185, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 185, 157);  
box-shadow:4px 4px 4px 4px rgb(117, 185,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 28.843, 165.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 185, 157) }
```

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

```
.background{ background-color: rgb(117,  
185, 157) }
```

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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