

Converting Colors

CIELCh(70, 28.167, 163.227)

Have a look what the booklet for
CIELCh(70, 28.167, 163.227)
contains.

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Color

CIELCh(70, 28.165, 162.886)

Conversions

Conversions Part 1

Format	Color
Hex	78B89B
RGB	120, 184, 155
RGB Percent	47%, 72%, 61%
CMY	0.5286, 0.2776, 0.3914
CMYK	0.35, 0.00, 0.16, 0.28
HSL	153°, 31%, 60%
HSV	153°, 35%, 72%
XYZ	30.8915, 40.7494, 37.3370
YIQ	161.5580, -28.8350, -22.5870

Conversions

Conversions Part 2

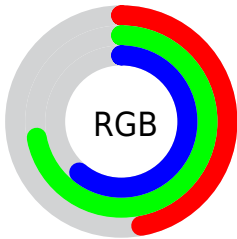
Format	Color
RYB	120, 161, 184
Decimal	7911579
CIELab	70.00, -26.92, 8.29
CIELCh	70, 28.165, 162.886
Yxy	40.7494, 0.2835, 0.3739
Android (android.graphics.Color)	4286101659 (0xFF78B89B)
YUV	161.5580, -3.2331, -36.4464
Hunter-Lab	63.8353, -25.3311, 10.0062

Details

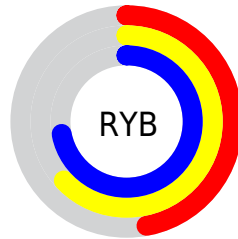
The CIELCh color **70, 28.165, 162.886** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 29.700, 349.737**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 28.191, 162.735**, and **50, 28.364, 162.783** is the 20% darker color. If you saturate the color by 10%, you get **69, 35.733, 161.651**, and if you desaturate by 10%, it is **71, 20.255, 163.989**.

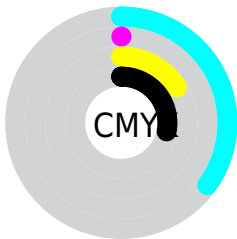
Distribution



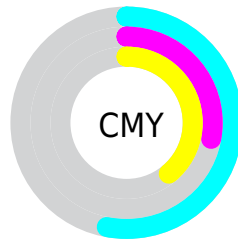
- Red (47%)
- Green (72%)
- Blue (61%)



- Red (47%)
- Yellow (63%)
- Blue (72%)



- Cyan (35%)
- Magenta (0%)
- Yellow (16%)
- Black (28%)





- Cyan (53%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 28.165, 162.886 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, 28.165, 162.886 by changing the saturation by 10% instead.

 70, 28.165,
162.886

 70, 28.165,
162.886


 100, 28.165,
162.886


 60, 28.165,
162.886


 90, 28.165,
162.886

 50, 28.165,
162.886

 40, 28.165,
162.886

 30, 28.165,
162.886

 20, 28.165,
162.886

 10, 28.165,
162.886

 0, 28.165, 162.886

70, 28.165,
162.886

70, 28.165,
162.886

69, 35.733,
161.651

71, 20.255,
163.989

68, 42.817,
160.263

73, 12.129,
164.990

67, 49.292,
158.696

74, 3.905, 165.955

67, 55.054,
156.929

76, 4.322, 346.579

66, 60.051,
154.951

78, 12.477,
347.394

66, 64.300,
152.774

79, 20.503,
348.106

66, 66.354,
151.627

81, 28.361,
348.765

82, 32.342,
344.355

■ 83, 34.942,
338.446

Harmonies

Complementary

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



70, 28.165, 162.886



58, 29.700, 349.737

Rectangle

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



70, 28.165, 162.886



70, 28.165, 212.886



70, 28.165, 342.886



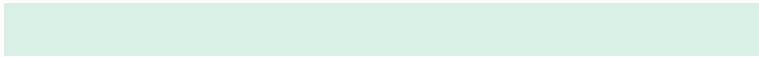
70, 28.165, 32.886

Sweetspot

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



70, 28.166, 162.885



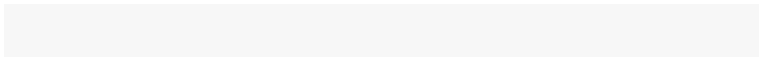
93, 10.194, 165.425



71, 36.913, 128.634



49, 6.950, 165.294



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, 28.166, 162.885



88, 41.686, 161.916



70, 20.620, 201.071



38, 4.650, 165.504



56, 58.186, 151.955



8, 13.990, 159.668

Inverse Universe

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



58, 29.700, 349.737



70, 44.420, 350.802



58, 26.318, 24.894



36, 4.721, 347.006



33, 58.367, 5.805



2, 11.909, 353.454

Previews

White Background



This preview shows how the CIELCh color 70, 28.165, 162.886 looks on a white background.

Color Contrast Check

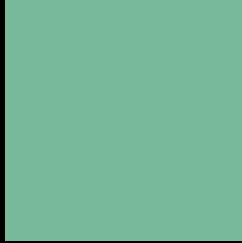
Large Text (above 18pt) WCAG AA × Fail

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, 28.165, 162.886 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, 28.165, 162.886

Background



This preview shows how black text looks on a background with the CIELCh color 70, 28.165, 162.886.



This preview shows how white text looks on a background with the CIELCh color 70, 28.165, 162.886.

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, 28.165, 162.886

Protanopia

70, 12.515, 92.297

Deuteranopia

70, 10.988, 34.578



Tritanopia
70, 17.991, 223.641

Trichromacy



Original Color
70, 28.165, 162.886

Protanomaly
70, 14.696, 135.410

Deuteranomaly
69, 7.490, 127.386

Tritanomaly
70, 18.903, 194.553

Monochromacy



Original Color
70, 28.165, 162.886

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 10.289, 166.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 28.165, 162.886 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(120, 184, 155)` looks like.

```
.text, #text, p{  
    color:rgb(120, 184, 155)  
}
```

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(120, 184, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 184, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 28.165, 162.886 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(120, 184, 155) }
```

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

```
.border{ border-color:rgb(120, 184, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 184, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 184, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 184, 155);  
box-shadow:4px 4px 4px 4px rgb(120, 184,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 28.165, 162.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 184, 155) }
```

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

```
.background{ background-color: rgb(120,  
184, 155) }
```

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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