

Converting Colors

CIELCh(70, 22.971, 166.584)

Have a look what the booklet for
CIELCh(70, 22.971, 166.584)
contains.

CIELCh(70, 22.791, 167.239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 22.791, 167.239)

Conversions

Conversions Part 1

Format	Color
Hex	80B6A1
RGB	128, 182, 161
RGB Percent	50%, 71%, 63%
CMY	0.4971, 0.2853, 0.3677
CMYK	0.30, 0.00, 0.12, 0.29
HSL	157°, 27%, 61%
HSV	157°, 30%, 71%
XYZ	32.1731, 40.7494, 40.0017
YIQ	163.4600, -25.4430, -17.9790

Conversions

Conversions Part 2

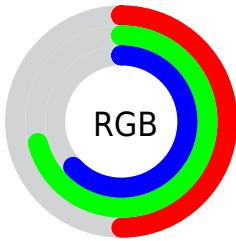
Format	Color
RYB	128, 162, 182
Decimal	8435361
CIELab	70.00, -22.23, 5.03
CIElCh	70, 22.791, 167.239
Yxy	40.7494, 0.2849, 0.3609
Android (android.graphics.Color)	4286625441 (0xFF80B6A1)
YUV	163.4600, -1.2128, -31.0984
Hunter-Lab	63.8353, -21.7473, 7.5312

Details

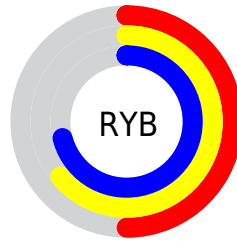
The CIELCh color **70, 22.791, 167.239** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60, 24.220, 353.143**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 22.683, 167.618**, and **50, 22.615, 167.601** is the 20% darker color. If you saturate the color by 10%, you get **69, 30.027, 166.064**, and if you desaturate by 10%, it is **71, 15.251, 168.303**.

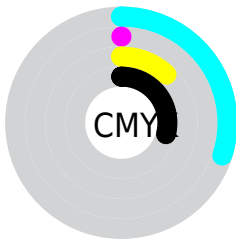
Distribution



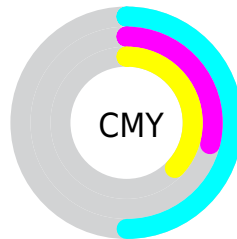
- Red (50%)
- Green (71%)
- Blue (63%)



- Red (50%)
- Yellow (64%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)





- Cyan (50%)
- Magenta (29%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 22.791, 167.239 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, 22.791, 167.239 by changing the saturation by 10% instead.


 70, 22.791,
167.239


 70, 22.791,
167.239


 100, 22.791,
167.239


 60, 22.791,
167.239


 90, 22.791,
167.239

 50, 22.791,
167.239

 40, 22.791,
167.239

 30, 22.791,
167.239

 20, 22.791,
167.239

 10, 22.791,
167.239

 0, 22.791, 167.239

70, 22.791,
167.239

70, 22.791,
167.239

69, 30.027,
166.064

71, 15.251,
168.303

68, 36.827,
164.759

73, 7.522, 169.296

67, 43.066,
163.298

74, 0.291, 348.698

76, 8.102, 350.899

67, 48.637,
161.656

78, 15.846,
351.692

66, 53.471,
159.814

80, 23.472,
352.423

66, 57.558,
157.764


82, 30.681,
352.793

66, 61.044,
155.579

82, 32.384,
346.837

66, 61.169,

155.503

 82, 34.426,
341.573

Harmonies

Complementary

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



70, 22.791, 167.239



60, 24.220, 353.143

Rectangle

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



70, 22.791, 167.239



70, 22.791, 217.239



70, 22.791, 347.239



70, 22.791, 37.239

Sweetspot

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



70, 22.792, 167.237



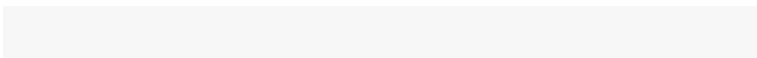
92, 8.703, 169.343



71, 31.848, 131.149



49, 6.094, 169.201



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, 22.792, 167.237



88, 33.954, 166.432



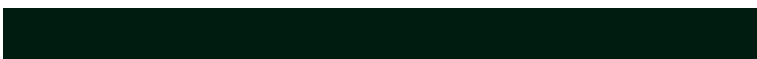
69, 16.729, 208.408



38, 4.449, 169.325



57, 54.113, 155.808



8, 13.360, 162.939

Inverse Universe

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



60, 24.220, 353.143



72, 36.602, 354.075



60, 20.599, 29.800



36, 4.537, 350.888



33, 58.659, 11.965



2, 11.570, 357.010

Previews

White Background



This preview shows how the CIELCh color 70, 22.791, 167.239 looks on a white background.

Color Contrast Check

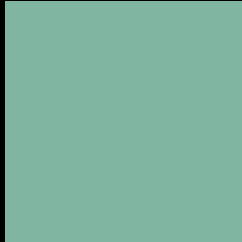
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 22.791, 167.239 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, 22.791, 167.239

Background



This preview shows how black text looks on a background with the CIELCh color 70, 22.791, 167.239.



This preview shows how white text looks on a background with the CIELCh color 70, 22.791, 167.239.

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, 22.791, 167.239

Protanopia
70, 8.621, 90.776

Deuteranopia
70, 9.311, 20.184



Tritanopia
70, 16.126, 226.974

Trichromacy



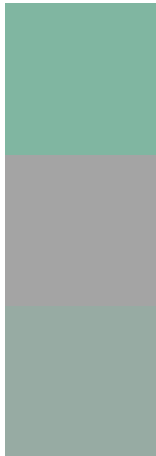
Original Color
70, 22.791, 167.239

Protanomaly
70, 10.967, 140.746

Deuteranomaly
69, 4.129, 131.388

Tritanomaly
70, 16.232, 200.072

Monochromacy



Original Color
70, 22.791, 167.239

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 8.728, 168.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 22.791, 167.239 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(128, 182, 161)` looks like.

```
.text, #text, p{  
    color:rgb(128, 182, 161)  
}
```

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(128, 182, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 182, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 22.791, 167.239 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(128, 182, 161) }
```

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

```
.border{ border-color:rgb(128, 182, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 182, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 182, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 182, 161);  
box-shadow:4px 4px 4px 4px rgb(128, 182,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 22.791, 167.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 182, 161) }
```

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

```
.background{ background-color: rgb(128,  
182, 161) }
```

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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