

Converting Colors

CIELCh(70, 43.492, 162.700)

Have a look what the booklet for
CIELCh(70, 43.492, 162.700)
contains.

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Color

CIELCh(70, 43.511, 162.575)

Conversions

Conversions Part 1

Format	Color
Hex	52BE92
RGB	82, 190, 146
RGB Percent	32%, 75%, 57%
CMY	0.6780, 0.2545, 0.4271
CMYK	0.57, 0.00, 0.23, 0.25
HSL	156°, 45%, 53%
HSV	156°, 57%, 75%
XYZ	27.1213, 40.7494, 33.6702
YIQ	152.6920, -50.2440, -36.5800

Conversions

Conversions Part 2

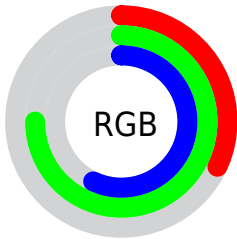
Format	Color
RYB	82, 150, 190
Decimal	5422738
CIELab	70.00, -41.51, 13.03
CIElCh	70, 43.511, 162.575
Yxy	40.7494, 0.2671, 0.4013
Android (android.graphics.Color)	4283612818 (0xFF52BE92)
YUV	152.6920, -3.2992, -61.9969
Hunter-Lab	63.8353, -35.8735, 13.4120

Details

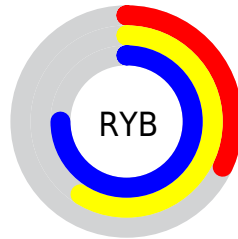
The CIELCh color **70, 43.511, 162.575** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **50, 48.025, 356.261**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 43.437, 162.518**, and **50, 43.780, 162.218** is the 20% darker color. If you saturate the color by 10%, you get **69, 49.623, 160.970**, and if you desaturate by 10%, it is **71, 36.739, 164.000**.

Distribution



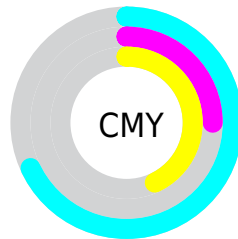
- Red (32%)
- Green (75%)
- Blue (57%)



- Red (32%)
- Yellow (59%)
- Blue (75%)



- Cyan (57%)
- Magenta (0%)
- Yellow (23%)
- Black (25%)





- Cyan (68%)
- Magenta (25%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 43.511, 162.575 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, 43.511, 162.575 by changing the saturation by 10% instead.


 70, 43.511,
162.575


 70, 43.511,
162.575


 100, 43.511,
162.575


 60, 43.511,
162.575


 90, 43.511,
162.575

 50, 43.511,
162.575

 40, 43.511,
162.575

 30, 43.511,
162.575

 20, 43.511,
162.575

 10, 43.511,
162.575

 0, 43.511, 162.575

70, 43.511,
162.575

70, 43.511,
162.575

69, 49.623,
160.970

71, 36.739,
164.000

69, 54.985,
159.166

72, 29.425,
165.271

68, 59.565,
157.152

73, 21.705,
166.414

68, 63.422,
154.950

74, 13.714,
167.454

68, 64.586,
154.258

76, 5.571, 168.436

78, 2.621, 349.060

79, 10.778,
349.980

81, 18.838,
350.741

■ 83, 26.756,
351.446

Harmonies

Complementary

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



70, 43.511, 162.575



50, 48.025, 356.261

Rectangle

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



70, 43.511, 162.575



70, 43.511, 212.575



70, 43.511, 342.575



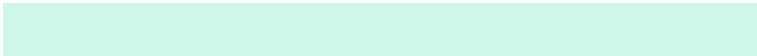
70, 43.511, 32.575

Sweetspot

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



70, 43.512, 162.574



94, 17.172, 167.407



71, 61.326, 129.354



50, 11.566, 167.202



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 43.512, 162.574



88, 62.054, 160.575



68, 29.375, 207.003



39, 4.608, 168.185



57, 55.984, 154.606



9, 15.525, 161.373

Inverse Universe

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



50, 48.025, 356.261



60, 68.833, 359.133



51, 45.804, 31.647



37, 4.693, 349.739



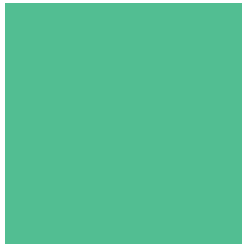
33, 59.201, 10.264



3, 13.333, 356.924

Previews

White Background



This preview shows how the CIELCh color 70, 43.511, 162.575 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, 43.511, 162.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

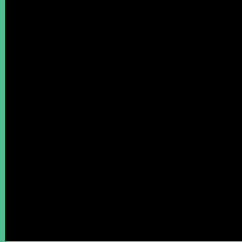
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 43.511, 162.575

Background



This preview shows how black text looks on a background with the CIELCh color 70, 43.511, 162.575.

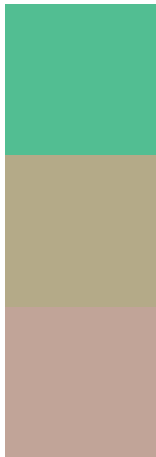


This preview shows how white text looks on a background with the CIELCh color 70, 43.511, 162.575.

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, 43.511, 162.575

Protanopia
70, 18.953, 95.844

Deuteranopia
70, 13.383, 49.382



Tritanopia
70, 26.417, 215.866

Trichromacy



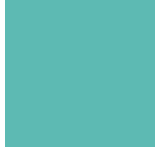
Original Color
70, 43.511, 162.575



Protanomaly
69, 23.975, 140.343



Deuteranomaly
69, 14.822, 140.192



Tritanomaly
70, 29.731, 189.597

Monochromacy



Original Color
70, 43.511, 162.575



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 17.124, 166.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 43.511, 162.575 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(82, 190, 146)` looks like.

```
.text, #text, p{  
    color:rgb(82, 190, 146)  
}
```

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(82, 190, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 190, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 43.511, 162.575 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(82, 190, 146) }
```

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

```
.border{ border-color:rgb(82, 190, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 190, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 190, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 190, 146);  
box-shadow:4px 4px 4px 4px rgb(82, 190,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 43.511, 162.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 190, 146) }
```

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

```
.background{ background-color: rgb(82, 190,  
146) }
```

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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