

Converting Colors

CIELCh(70, 46.978, 152.934)

Have a look what the booklet for
CIELCh(70, 46.978, 152.934)
contains.

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Color

CIELCh(70, 46.909, 152.968)

Conversions

Conversions Part 1

Format	Color
Hex	5EBE83
RGB	94, 190, 131
RGB Percent	37%, 75%, 51%
CMY	0.6321, 0.2556, 0.4869
CMYK	0.51, 0.00, 0.31, 0.26
HSL	143°, 42%, 56%
HSV	143°, 51%, 74%
XYZ	27.0546, 40.7494, 27.8505
YIQ	154.5700, -38.2770, -38.7010

Conversions

Conversions Part 2

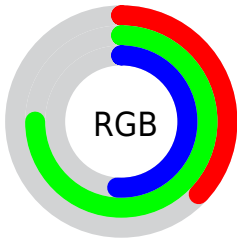
Format	Color
RYB	94, 163, 190
Decimal	6209155
CIELab	70.00, -41.78, 21.32
CIElCh	70, 46.909, 152.968
Yxy	40.7494, 0.2828, 0.4260
Android (android.graphics.Color)	4284399235 (0xFF5EBE83)
YUV	154.5700, -11.6200, -53.1199
Hunter-Lab	63.8353, -36.0600, 18.8172

Details

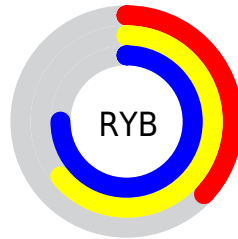
The CIELCh color **70, 46.909, 152.968** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **53, 47.976, 342.479**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 47.046, 152.835**, and **50, 47.038, 152.793** is the 20% darker color. If you saturate the color by 10%, you get **69, 55.106, 151.517**, and if you desaturate by 10%, it is **71, 38.141, 154.238**.

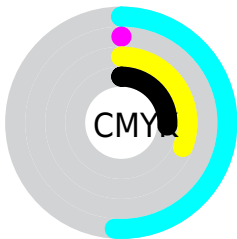
Distribution



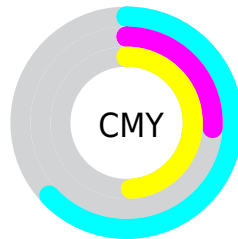
- Red (37%)
- Green (75%)
- Blue (51%)



- Red (37%)
- Yellow (64%)
- Blue (75%)



- Cyan (51%)
- Magenta (0%)
- Yellow (31%)
- Black (26%)





- Cyan (63%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 46.909, 152.968 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, 46.909, 152.968 by changing the saturation by 10% instead.


 70, 46.909,
152.968


 70, 46.909,
152.968


 100, 46.909,
152.968


 60, 46.909,
152.968


 90, 46.909,
152.968

 50, 46.909,
152.968

 40, 46.909,
152.968

 30, 46.909,
152.968

 20, 46.909,
152.968

 10, 46.909,
152.968

 0, 46.909, 152.968

70, 46.909,
152.968

70, 46.909,
152.968

69, 55.106,
151.517

71, 38.141,
154.238

69, 62.573,
149.871

72, 28.968,
155.349

68, 69.193,
148.025

74, 19.552,
156.327

68, 74.901,
146.002

75, 10.036,
157.199

67, 79.541,
144.045

77, 0.538, 158.577

79, 8.849, 338.561

81, 18.059,
339.191

83, 27.045,
339.750

■ 84, 33.379,
335.897

Harmonies

Complementary

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



70, 46.909, 152.968



53, 47.976, 342.479

Rectangle

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



70, 46.909, 152.968



70, 46.909, 202.968



70, 46.909, 332.968



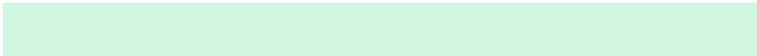
70, 46.909, 22.968

Sweetspot

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



70, 46.910, 152.968



94, 17.668, 156.802



72, 52.211, 122.373



50, 12.155, 156.615



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, 46.910, 152.968



88, 68.579, 151.296



71, 31.221, 185.600



39, 5.349, 157.302



57, 68.978, 144.370



9, 17.852, 153.026

Inverse Universe

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



53, 47.976, 342.479



63, 69.534, 343.926



52, 41.334, 16.597



37, 5.390, 338.616



34, 61.680, 351.282



3, 15.022, 344.816

Previews

White Background



This preview shows how the CIELCh color 70, 46.909, 152.968 looks on a white background.

Color Contrast Check

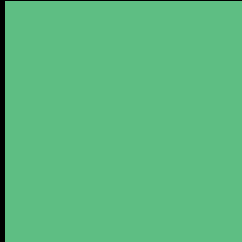
Large Text (above 18pt) WCAG AA × Fail

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, 46.909, 152.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

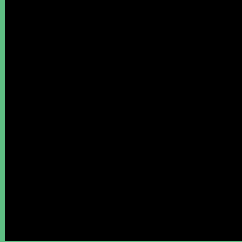
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 46.909, 152.968

Background



This preview shows how black text looks on a background with the CIELCh color 70, 46.909, 152.968.



This preview shows how white text looks on a background with the CIELCh color 70, 46.909, 152.968.

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, 46.909, 152.968

Protanopia
70, 26.610, 95.688

Deuteranopia
69, 20.463, 63.704



Tritanopia
70, 23.342, 217.132

Trichromacy



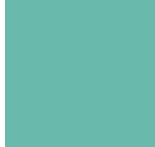
Original Color
70, 46.909, 152.968



Protanomaly
69, 30.018, 127.721



Deuteranomaly
69, 21.323, 122.201



Tritanomaly
70, 27.734, 182.229

Monochromacy



Original Color
70, 46.909, 152.968



Achromatopsia
64, 0.008, 296.813



Achromatomaly
65, 17.745, 156.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 46.909, 152.968 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(94, 190, 131)` looks like.

```
.text, #text, p{  
    color:rgb(94, 190, 131)  
}
```

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(94, 190, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 190, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 46.909, 152.968 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(94, 190, 131) }
```

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

```
.border{ border-color:rgb(94, 190, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 190, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 190, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 190, 131);  
box-shadow:4px 4px 4px 4px rgb(94, 190,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 46.909, 152.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 190, 131) }
```

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

```
.background{ background-color: rgb(94, 190,  
131) }
```

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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