

Converting Colors

CIELCh(70, 43.862, 154.288)

Have a look what the booklet for
CIELCh(70, 43.862, 154.288)
contains.

CIELCh(70, 43.905, 154.213)	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, 43.905, 154.213)

Conversions

Conversions Part 1

Format	Color
Hex	62BD87
RGB	98, 189, 135
RGB Percent	38%, 74%, 53%
CMY	0.6156, 0.2587, 0.4705
CMYK	0.48, 0.00, 0.29, 0.26
HSL	144°, 41%, 56%
HSV	144°, 48%, 74%
XYZ	27.6140, 40.7494, 29.3370
YIQ	155.6350, -36.9020, -36.0860

Conversions

Conversions Part 2

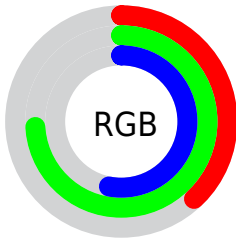
Format	Color
RYB	98, 163, 189
Decimal	6471047
CIELab	70.00, -39.53, 19.10
CIELCh	70, 43.905, 154.213
Yxy	40.7494, 0.2826, 0.4171
Android (android.graphics.Color)	4284661127 (0xFF62BD87)
YUV	155.6350, -10.1731, -50.5459
Hunter-Lab	63.8353, -34.4958, 17.4366

Details

The CIELCh color **70, 43.905, 154.213** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **54, 45.133, 343.318**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 44.062, 153.852**, and **50, 43.964, 154.229** is the 20% darker color. If you saturate the color by 10%, you get **69, 52.064, 152.799**, and if you desaturate by 10%, it is **71, 35.221, 155.451**.

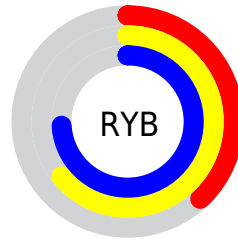
Distribution



Red (38%)

Green (74%)

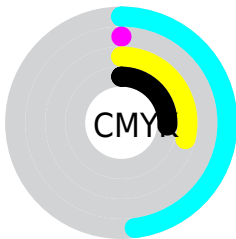
Blue (53%)



Red (38%)

Yellow (64%)

Blue (74%)

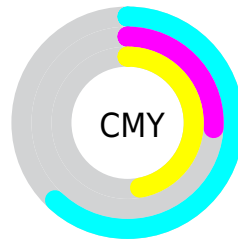


Cyan (48%)

Magenta (0%)

Yellow (29%)

Black (26%)



Cyan (62%)


Magenta (26%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 43.905, 154.213 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, 43.905, 154.213 by changing the saturation by 10% instead.


 70, 43.905,
154.213


 70, 43.905,
154.213


 100, 43.905,
154.213


 60, 43.905,
154.213


 90, 43.905,
154.213

 50, 43.905,
154.213

 40, 43.905,
154.213

 30, 43.905,
154.213

 20, 43.905,
154.213

 10, 43.905,
154.213

 0, 43.905, 154.213

70, 43.905,
154.213

70, 43.905,
154.213

69, 52.064,
152.799

71, 35.221,
155.451

68, 59.540,
151.192

72, 26.171,
156.538

68, 66.212,
149.381

74, 16.911,
157.499

68, 72.009,
147.379

75, 7.575, 158.368

77, 1.726, 338.865

67, 76.972,
145.254

79, 10.908,
339.714

67, 77.844,
144.880

81, 19.909,
340.340

83, 28.686,
340.902

■ 84, 33.932,
335.661

Harmonies

Complementary

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



70, 43.905, 154.213



54, 45.133, 343.318

Rectangle

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



70, 43.905, 154.213



70, 43.905, 204.213



70, 43.905, 334.213



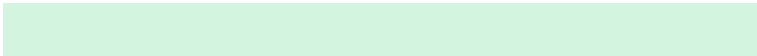
70, 43.905, 24.213

Sweetspot

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



70, 43.906, 154.213



94, 16.094, 157.847



72, 49.894, 123.125



49, 11.109, 157.657



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 43.906, 154.213



87, 63.965, 152.680



71, 29.651, 187.374



39, 5.267, 158.265



57, 67.726, 145.203



9, 17.635, 153.669

Inverse Universe

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



54, 45.133, 343.318



64, 65.439, 344.699



53, 39.137, 17.321



37, 5.311, 339.605



34, 61.090, 353.050



3, 14.796, 346.065

Previews

White Background



This preview shows how the CIELCh color 70, 43.905, 154.213 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, 43.905, 154.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

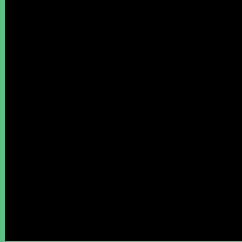
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 43.905, 154.213

Background



This preview shows how black text looks on a background with the CIELCh color 70, 43.905, 154.213.

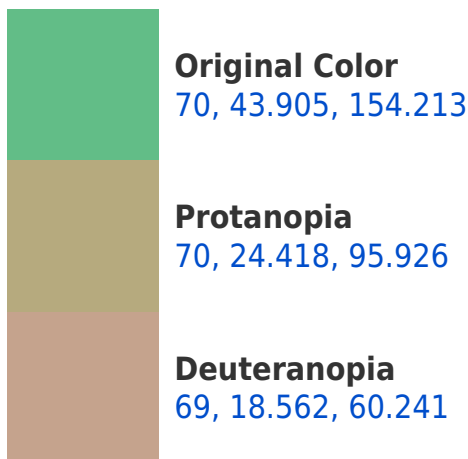


This preview shows how white text looks on a background with the CIELCh color 70, 43.905, 154.213.

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





Tritanopia
70, 22.717, 219.255

Trichromacy



Original Color
70, 43.905, 154.213



Protanomaly
69, 28.026, 129.295



Deuteranomaly
69, 18.520, 122.015



Tritanomaly
70, 26.068, 185.110

Monochromacy



Original Color
70, 43.905, 154.213



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 16.791, 156.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 43.905, 154.213 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(98, 189, 135)` looks like.

```
.text, #text, p{  
    color:rgb(98, 189, 135)  
}
```

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(98, 189, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 189, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 43.905, 154.213 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(98, 189, 135) }
```

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

```
.border{ border-color:rgb(98, 189, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 189, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 189, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 189, 135);  
box-shadow:4px 4px 4px 4px rgb(98, 189,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 43.905, 154.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 189, 135) }
```

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

```
.background{ background-color: rgb(98, 189,  
135) }
```

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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