

Converting Colors

CIELCh(53, 15.424, 140.844)

Have a look what the booklet for
CIELCh(53, 15.424, 140.844)
contains.

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Color

CIELCh(53, 15.598, 139.976)

Conversions

Conversions Part 1

Format	Color
Hex	70846D
RGB	112, 132, 109
RGB Percent	44%, 52%, 43%
CMY	0.5608, 0.4824, 0.5726
CMYK	0.15, 0.00, 0.17, 0.48
HSL	112°, 10%, 47%
HSV	112°, 17%, 52%
XYZ	17.6891, 21.0462, 17.5940
YIQ	123.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

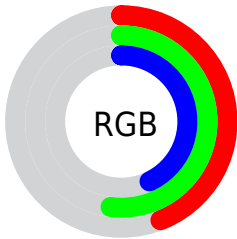
Format	Color
R_{YB}	109, 132, 129
Decimal	7373933
CIE _{Lab}	53.00, -11.94, 10.03
CIE _{LCh}	53, 15.598, 139.976
Yxy	21.0462, 0.3140, 0.3736
Android (android.graphics.Color)	4285564013 (0xFF70846D)
YUV	123.3980, -7.0982, -9.9960
Hunter-Lab	45.8761, -11.4564, 9.3749

Details

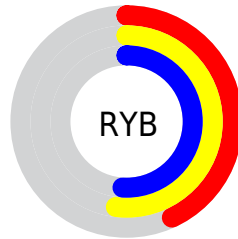
The CIELCh color $53, 15.598, 139.976$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $49, 15.683, 321.630$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 15.300, 140.358$, and $33, 16.184, 139.353$ is the 20% darker color. If you saturate the color by 10%, you get $52, 24.586, 139.363$, and if you desaturate by 10%, it is $54, 6.614, 140.525$.

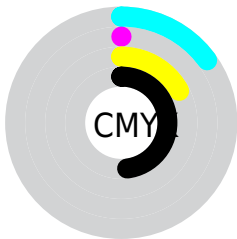
Distribution



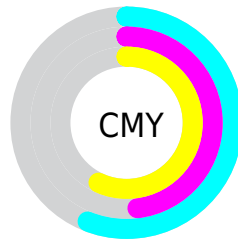
- Red (44%)
- Green (52%)
- Blue (43%)



- Red (43%)
- Yellow (52%)
- Blue (51%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (48%)





- Cyan (56%)
- Magenta (48%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 15.598, 139.976 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 53, 15.598, 139.976 by changing the saturation by 10% instead.


 53, 15.598,
139.976


 53, 15.598,
139.976


 100, 15.598,
139.976


 43, 15.598,
139.976


 73, 15.598,
139.976

 33, 15.598,
139.976

 83, 15.598,
139.976

 23, 15.598,
139.976

 93, 15.598,
139.976

 13, 15.598,
139.976

 3, 15.598, 139.976

 0, 15.598, 139.976

■ 53, 15.598,
139.976

■ 53, 15.598,
139.976

■ 52, 24.586,
139.363

■ 54, 6.614, 140.525

■ 51, 33.452,
138.677

■ 55, 2.284, 320.889

■ 50, 42.040,
137.930

■ 57, 11.031,
321.344

■ 49, 50.139,
137.153

■ 58, 19.587,
321.691

■ 49, 57.478,
136.404

■ 60, 27.925,
321.984

■ 48, 63.728,
135.776

■ 62, 36.031,
322.233

■ 48, 68.531,
135.389


■ 63, 43.900,
322.445

■ 48, 71.820,

■ 65, 51.532,
322.626

135.229

 67, 58.933,
322.780

 48, 72.585,
135.134

Harmonies

Complementary

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



53, 15.598, 139.976



49, 15.683, 321.630

Rectangle

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



53, 15.598, 139.976



53, 15.598, 189.976



53, 15.598, 319.976



53, 15.598, 9.976

Sweetspot

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



53, 15.599, 139.977



69, 5.487, 140.650



54, 11.501, 102.309



36, 3.775, 140.617



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 15.599, 139.977



67, 23.235, 139.737



53, 12.486, 155.824



27, 5.047, 140.435



47, 71.802, 135.123



1, 1.205, 140.851

Inverse Universe

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



49, 15.683, 321.630



60, 23.380, 321.816



49, 12.619, 338.351



26, 5.067, 321.242



27, 70.791, 323.357



0, 1.205, 320.847

Previews

White Background



This preview shows how the CIELCh color 53, 15.598, 139.976 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 15.598, 139.976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

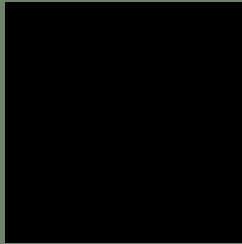
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 15.598, 139.976

Background



This preview shows how black text looks on a background with the CIELCh color 53, 15.598, 139.976.



This preview shows how white text looks on a background with the CIELCh color 53, 15.598, 139.976.

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
53, 15.598, 139.976

Protanopia
53, 11.888, 94.234

Deuteranopia
53, 11.341, 53.970



Tritanopia
53, 7.028, 254.799

Trichromacy



Original Color
53, 15.598, 139.976

Protanomaly
53, 12.139, 114.594

Deuteranomaly
53, 9.548, 93.714

Tritanomaly
53, 5.586, 186.900

Monochromacy



Original Color
53, 15.598, 139.976

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 5.448, 140.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 15.598, 139.976 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(112, 132, 109)` looks like.

```
.text, #text, p{  
    color:rgb(112, 132, 109)  
}
```

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(112, 132, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 132, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 15.598, 139.976 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(112, 132, 109) }
```

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

```
.border{ border-color:rgb(112, 132, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 132, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 132, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 132, 109);  
box-shadow:4px 4px 4px 4px rgb(112, 132,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 15.598, 139.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 132, 109) }
```

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

```
.background{ background-color: rgb(112,  
132, 109) }
```

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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