

Converting Colors

CIELCh(53, 16.478, 138.811)

Have a look what the booklet for
CIELCh(53, 16.478, 138.811)
contains.

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Color

CIELCh(53, 16.094, 138.921)

Conversions

Conversions Part 1

Format	Color
Hex	70846C
RGB	112, 132, 108
RGB Percent	44%, 52%, 42%
CMY	0.5606, 0.4822, 0.5763
CMYK	0.15, 0.00, 0.18, 0.48
HSL	110°, 10%, 47%
HSV	110°, 18%, 52%
XYZ	17.6544, 21.0462, 17.3316
YIQ	123.2840, -4.2160, -11.7040

Conversions

Conversions Part 2

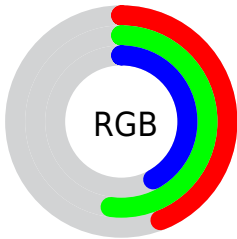
Format	Color
R_{YB}	108, 132, 128
Decimal	7373932
CIE _{Lab}	53.00, -12.13, 10.58
CIE _{LCh}	53, 16.094, 138.921
Yxy	21.0462, 0.3151, 0.3756
Android (android.graphics.Color)	4285564012 (0xFF70846C)
YUV	123.2840, -7.5350, -9.8961
Hunter-Lab	45.8761, -11.5916, 9.7140

Details

The CIELCh color $53, 16.094, 138.921$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $48, 16.209, 320.588$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 16.237, 138.384$, and $33, 16.184, 139.353$ is the 20% darker color. If you saturate the color by 10%, you get $52, 24.977, 138.335$, and if you desaturate by 10%, it is $54, 7.207, 139.450$.

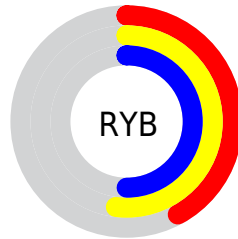
Distribution



Red (44%)

Green (52%)

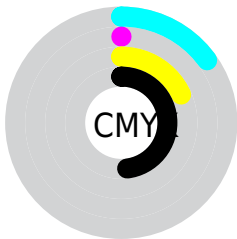
Blue (42%)



Red (42%)

Yellow (52%)

Blue (50%)

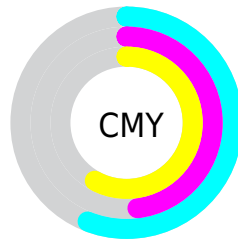


Cyan (15%)

Magenta (0%)

Yellow (18%)

Black (48%)



Cyan (56%)


Magenta (48%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 16.094, 138.921 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, 16.094, 138.921 by changing the saturation by 10% instead.


 53, 16.094,
138.921


 53, 16.094,
138.921


 100, 16.094,
138.921


 43, 16.094,
138.921


 73, 16.094,
138.921

 33, 16.094,
138.921

 83, 16.094,
138.921

 23, 16.094,
138.921

 93, 16.094,
138.921

 13, 16.094,
138.921

 3, 16.094, 138.921

 0, 16.094, 138.921

■ 53, 16.094,
138.921

■ 53, 16.094,
138.921

■ 52, 24.977,
138.335

■ 54, 7.207, 139.450

■ 51, 33.738,
137.685

■ 55, 1.604, 319.777

■ 50, 42.221,
136.988

■ 57, 10.277,
320.249

■ 50, 50.223,
136.279

■ 58, 18.772,
320.590

■ 49, 57.475,
135.620

■ 60, 27.062,
320.878

■ 48, 63.649,
135.107

■ 61, 35.134,
321.124


■ 48, 68.389,
134.859

■ 63, 42.979,
321.333

■ 48, 71.703,

■ 65, 50.600,
321.511

134.820

 66, 57.998,
321.662

 48, 72.264,
134.774

Harmonies

Complementary

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



53, 16.094, 138.921



48, 16.209, 320.588

Rectangle

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



53, 16.094, 138.921



53, 16.094, 188.921



53, 16.094, 318.921



53, 16.094, 8.921

Sweetspot

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



53, 16.095, 138.922



69, 5.426, 139.608



53, 11.602, 100.375



36, 3.733, 139.576



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, 16.095, 138.922



67, 24.067, 138.676



53, 13.361, 154.348



27, 4.990, 139.401



47, 71.460, 134.761



1, 1.192, 139.801

Inverse Universe

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



48, 16.209, 320.588



60, 24.268, 320.780



48, 13.483, 336.915



26, 5.014, 320.178



26, 71.088, 322.066



0, 1.192, 319.797

Previews

White Background



This preview shows how the CIELCh color 53, 16.094, 138.921 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, 16.094, 138.921 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, 16.094, 138.921

Background



This preview shows how black text looks on a background with the CIELCh color 53, 16.094, 138.921.



This preview shows how white text looks on a background with the CIELCh color 53, 16.094, 138.921.

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, 16.094, 138.921

Protanopia
53, 12.446, 94.787

Deuteranopia
53, 11.701, 56.173



Tritanopia
53, 7.028, 254.799

Trichromacy



Original Color
53, 16.094, 138.921

Protanomaly
53, 12.708, 114.269

Deuteranomaly
53, 10.106, 94.465

Tritanomaly
53, 5.586, 186.900

Monochromacy



Original Color
53, 16.094, 138.921

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, 16.094, 138.921 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(112, 132, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 132, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 16.094, 138.921 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, 108) }
```

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

```
.border{ border-color:rgb(112, 132, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 132, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 132, 108);  
box-shadow:4px 4px 4px 4px rgb(112, 132,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 16.094, 138.921 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, 108) }
```

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

```
.background{ background-color: rgb(112,  
132, 108) }
```

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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