

Converting Colors

CIELCh(53, 51.438, 131.986)

Have a look what the booklet for
CIELCh(53, 51.438, 131.986)
contains.

CIELCh(53, 51.124, 132.098)	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(53, 51.124, 132.098)

Conversions

Conversions Part 1

Format	Color
Hex	548C39
RGB	84, 140, 57
RGB Percent	33%, 55%, 22%
CMY	0.6694, 0.4497, 0.7753
CMYK	0.40, 0.00, 0.59, 0.45
HSL	100°, 42%, 39%
HSV	100°, 59%, 55%
XYZ	13.8545, 21.0462, 7.2416
YIQ	113.7940, -6.7330, -37.6850

Conversions

Conversions Part 2

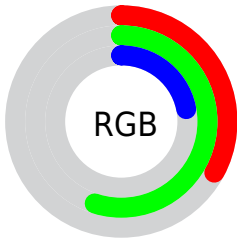
Format	Color
RYB	57, 140, 113
Decimal	5540921
CIELab	53.00, -34.27, 37.93
CIElCh	53, 51.124, 132.098
Yxy	21.0462, 0.3288, 0.4994
Android (android.graphics.Color)	4283731001 (0xFF548C39)
YUV	113.7940, -27.9994, -26.1293
Hunter-Lab	45.8761, -26.3766, 22.7543

Details

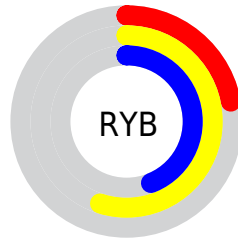
The CIELCh color **53, 51.124, 132.098** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **35, 53.496, 317.254**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 51.075, 132.140**, and **33, 50.842, 132.100** is the 20% darker color. If you saturate the color by 10%, you get **52, 58.422, 131.751**, and if you desaturate by 10%, it is **54, 43.104, 132.569**.

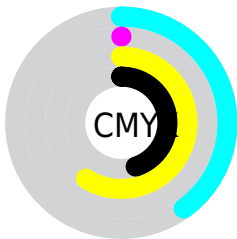
Distribution



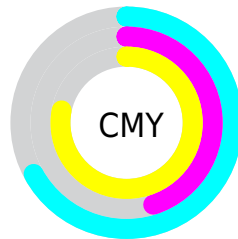
- Red (33%)
- Green (55%)
- Blue (22%)



- Red (22%)
- Yellow (55%)
- Blue (44%)



- Cyan (40%)
- Magenta (0%)
- Yellow (59%)
- Black (45%)





- Cyan (67%)
- Magenta (45%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 51.124, 132.098 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, 51.124, 132.098 by changing the saturation by 10% instead.


 53, 51.124,
132.098


 53, 51.124,
132.098


 100, 51.124,
132.098


 43, 51.124,
132.098


 73, 51.124,
132.098

 33, 51.124,
132.098

 83, 51.124,
132.098

 23, 51.124,
132.098

 93, 51.124,
132.098

 13, 51.124,
132.098

 3, 51.124, 132.098

 0, 51.124, 132.098

■ 53, 51.124,
132.098

■ 53, 51.124,
132.098

■ 52, 58.422,
131.751

■ 54, 43.104,
132.569

■ 52, 64.662,
131.629

■ 54, 34.623,
133.087

■ 52, 69.487,
131.853

■ 55, 25.877,
133.606

■ 51, 72.992,
132.333

■ 56, 17.005,
134.101

■ 51, 73.274,
132.359

■ 57, 8.108, 134.563

■ 58, 0.741, 314.776

■ 60, 9.490, 315.305

■ 61, 18.103,
315.632

■ 62, 26.554,
315.914

Harmonies

Complementary

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



53, 51.124, 132.098



35, 53.496, 317.254

Rectangle

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



53, 51.124, 132.098



53, 51.124, 182.098



53, 51.124, 312.098



53, 51.124, 2.098

Sweetspot

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



53, 51.125, 132.099



72, 19.885, 134.138



49, 34.649, 83.428



37, 13.774, 134.014



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



53, 51.125, 132.099



67, 73.940, 131.678



52, 50.154, 144.038



30, 5.066, 134.562



49, 71.264, 132.311



2, 3.418, 134.924

Inverse Universe

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



35, 53.496, 317.254



41, 77.807, 317.482



38, 49.607, 333.060



28, 5.109, 315.276



24, 74.954, 316.826



0, 3.418, 314.921

Previews

White Background



This preview shows how the CIELCh color 53, 51.124, 132.098 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, 51.124, 132.098 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, 51.124, 132.098

Background



This preview shows how black text looks on a background with the CIELCh color 53, 51.124, 132.098.



This preview shows how white text looks on a background with the CIELCh color 53, 51.124, 132.098.

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, 51.124, 132.098

Protanopia
53, 40.949, 95.741

Deuteranopia
53, 36.734, 79.271



Tritanopia
53, 13.194, 224.532

Trichromacy



Original Color
53, 51.124, 132.098

Protanomaly
52, 41.985, 111.829

Deuteranomaly
52, 36.835, 104.019

Tritanomaly
53, 21.580, 157.331

Monochromacy



Original Color
53, 51.124, 132.098

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 20.068, 133.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 51.124, 132.098 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(84, 140, 57)` looks like.

```
.text, #text, p{  
    color:rgb(84, 140, 57)  
}
```

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(84, 140, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 140, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 51.124, 132.098 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(84, 140, 57) }
```

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

```
.border{ border-color:rgb(84, 140, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 140, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 140, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 140, 57);  
box-shadow:4px 4px 4px 4px rgb(84, 140,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 51.124, 132.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 140, 57) }
```

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

```
.background{ background-color: rgb(84, 140,  
57) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor