

Converting Colors

CIELCh(53, 36.062, 136.163)

Have a look what the booklet for
CIELCh(53, 36.062, 136.163)
contains.

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Color

CIELCh(53, 36.576, 136.237)

Conversions

Conversions Part 1

Format	Color
Hex	5E8A52
RGB	94, 138, 82
RGB Percent	37%, 54%, 32%
CMY	0.6327, 0.4601, 0.6797
CMYK	0.32, 0.00, 0.41, 0.46
HSL	107°, 26%, 43%
HSV	107°, 41%, 54%
XYZ	15.1331, 21.0462, 11.1848
YIQ	118.4600, -8.2480, -26.7440

Conversions

Conversions Part 2

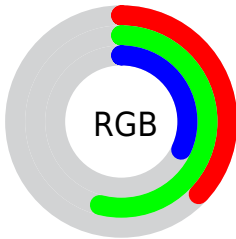
Format	Color
R_{YB}	82, 138, 126
Decimal	6195794
CIE _{Lab}	53.00, -26.42, 25.30
CIE _{LCh}	53, 36.576, 136.237
Yxy	21.0462, 0.3195, 0.4443
Android (android.graphics.Color)	4284385874 (0xFF5E8A52)
YUV	118.4600, -17.9748, -21.4514
Hunter-Lab	45.8761, -21.4016, 17.6582

Details

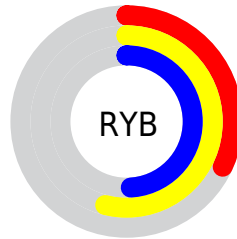
The CIELCh color **53, 36.576, 136.237** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **42, 37.261, 320.096**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 36.800, 136.218**, and **33, 36.577, 136.253** is the 20% darker color. If you saturate the color by 10%, you get **52, 45.140, 135.599**, and if you desaturate by 10%, it is **54, 27.697, 136.852**.

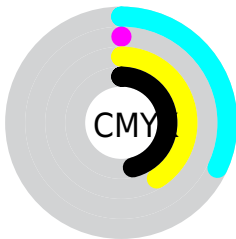
Distribution



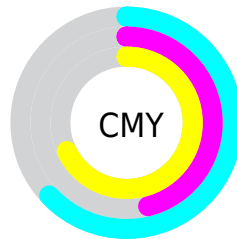
- Red (37%)
- Green (54%)
- Blue (32%)



- Red (32%)
- Yellow (54%)
- Blue (49%)



- Cyan (32%)
- Magenta (0%)
- Yellow (41%)
- Black (46%)





- Cyan (63%)
- Magenta (46%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 36.576, 136.237 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, 36.576, 136.237 by changing the saturation by 10% instead.


 53, 36.576,
136.237


 53, 36.576,
136.237


 100, 36.576,
136.237


 43, 36.576,
136.237


 73, 36.576,
136.237

 33, 36.576,
136.237

 83, 36.576,
136.237

 23, 36.576,
136.237

 93, 36.576,
136.237

 13, 36.576,
136.237

 3, 36.576, 136.237

 0, 36.576, 136.237

■ 53, 36.576,
136.237

■ 53, 36.576,
136.237

■ 52, 45.140,
135.599

■ 54, 27.697,
136.852

■ 52, 53.168,
134.979

■ 55, 18.663,
137.418

■ 51, 60.371,
134.454

■ 56, 9.597, 137.932

■ 51, 66.399,
134.129

■ 57, 0.586, 138.627

■ 59, 8.307, 318.731

■ 50, 70.895,
134.121

■ 60, 17.037,
319.077

■ 50, 73.956,
134.233

■ 61, 25.576,
319.370

■ 63, 33.907,
319.619

■ 65, 42.020,
319.832

Harmonies

Complementary

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



53, 36.576, 136.237



42, 37.261, 320.096

Rectangle

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



53, 36.576, 136.237



53, 36.576, 186.237



53, 36.576, 316.237



53, 36.576, 6.237

Sweetspot

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



53, 36.577, 136.238



71, 13.364, 137.853



53, 25.650, 94.666



37, 8.834, 137.799



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 36.577, 136.238



67, 54.016, 135.637



53, 31.901, 150.233



29, 5.076, 138.006



48, 71.939, 134.196



1, 2.351, 138.390

Inverse Universe

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



42, 37.261, 320.096



50, 55.174, 320.436



42, 32.205, 336.497



27, 5.105, 318.756



26, 72.560, 320.414



0, 2.351, 318.386

Previews

White Background



This preview shows how the CIELCh color 53, 36.576, 136.237 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, 36.576, 136.237 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, 36.576, 136.237

Background



This preview shows how black text looks on a background with the CIELCh color 53, 36.576, 136.237.



This preview shows how white text looks on a background with the CIELCh color 53, 36.576, 136.237.

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, 36.576, 136.237

Protanopia
53, 28.418, 95.547

Deuteranopia
53, 24.546, 74.013



Tritanopia
53, 11.184, 229.908

Trichromacy



Original Color
53, 36.576, 136.237

Protanomaly
53, 29.044, 113.550

Deuteranomaly
52, 24.544, 103.929

Tritanomaly
53, 15.235, 165.712

Monochromacy



Original Color
53, 36.576, 136.237

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 13.395, 138.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 36.576, 136.237 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, 138, 82)` looks like.

```
.text, #text, p{  
    color:rgb(94, 138, 82)  
}
```

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, 138, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 138, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 36.576, 136.237 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, 138, 82) }
```

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

```
.border{ border-color:rgb(94, 138, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 138, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 138, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 138, 82);  
box-shadow:4px 4px 4px 4px rgb(94, 138,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 36.576, 136.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 138, 82) }
```

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

```
.background{ background-color: rgb(94, 138,  
82) }
```

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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