

Converting Colors

CIELCh(53, 37.983, 126.354)

Have a look what the booklet for
CIELCh(53, 37.983, 126.354)
contains.

CIELCh(53, 38.183, 126.386)	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, 38.183, 126.386)

Conversions

Conversions Part 1

Format	Color
Hex	698848
RGB	105, 136, 72
RGB Percent	41%, 53%, 28%
CMY	0.5886, 0.4670, 0.7180
CMYK	0.23, 0.00, 0.47, 0.47
HSL	89°, 31%, 41%
HSV	89°, 47%, 53%
XYZ	15.7726, 21.0462, 9.3470
YIQ	119.4350, 2.0680, -26.4760

Conversions

Conversions Part 2

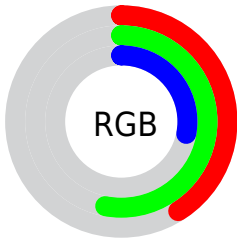
Format	Color
R_{YB}	72, 136, 103
Decimal	6916168
CIE _{Lab}	53.00, -22.65, 30.74
CIE _{LCh}	53, 38.183, 126.386
Yxy	21.0462, 0.3417, 0.4559
Android (android.graphics.Color)	4285106248 (0xFF698848)
YUV	119.4350, -23.3855, -12.6595
Hunter-Lab	45.8761, -18.9135, 20.0333

Details

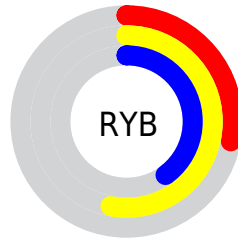
The CIELCh color $53, 38.183, 126.386$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $37, 40.924, 310.883$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 37.743, 126.071$, and $33, 38.187, 126.048$ is the 20% darker color. If you saturate the color by 10%, you get $52, 45.669, 126.016$, and if you desaturate by 10%, it is $54, 30.321, 126.831$.

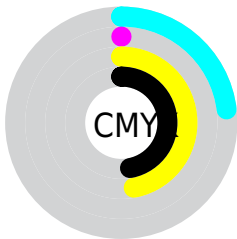
Distribution



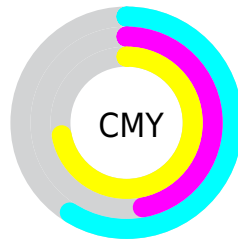
- Red (41%)
- Green (53%)
- Blue (28%)



- Red (28%)
- Yellow (53%)
- Blue (40%)



- Cyan (23%)
- Magenta (0%)
- Yellow (47%)
- Black (47%)





- Cyan (59%)
- Magenta (47%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 38.183, 126.386 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, 38.183, 126.386 by changing the saturation by 10% instead.


 53, 38.183,
126.386


 53, 38.183,
126.386


 100, 38.183,
126.386


 43, 38.183,
126.386


 73, 38.183,
126.386

 33, 38.183,
126.386

 83, 38.183,
126.386

 23, 38.183,
126.386

 93, 38.183,
126.386

 13, 38.183,
126.386

 3, 38.183, 126.386

 0, 38.183, 126.386

■ 53, 38.183,
126.386

■ 53, 38.183,
126.386

■ 52, 45.669,
126.016

■ 54, 30.321,
126.831

■ 52, 52.556,
125.788

■ 54, 22.239,
127.303

■ 51, 58.550,
125.799

■ 55, 14.044,
127.775

■ 51, 63.317,
126.166

■ 56, 5.815, 128.234

■ 51, 66.770,
126.908

■ 57, 2.395, 308.607

■ 51, 67.729,
127.103

■ 58, 10.546,
309.026

■ 59, 18.611,
309.387

■ 60, 26.570,
309.712

■ 61, 34.410,
310.005

Harmonies

Complementary

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



53, 38.183, 126.386



37, 40.924, 310.883

Rectangle

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



53, 38.183, 126.386



53, 38.183, 176.386



53, 38.183, 306.386



53, 38.183, 356.386

Sweetspot

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



53, 38.184, 126.387



70, 14.207, 127.904



46, 24.314, 68.045



37, 9.886, 127.815



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, 38.184, 126.387



67, 56.193, 125.981



51, 44.227, 140.495



29, 4.683, 128.139



49, 66.507, 127.064



1, 2.176, 128.523

Inverse Universe

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



37, 40.924, 310.883



42, 61.367, 311.457



40, 44.127, 326.341



27, 4.747, 308.913



19, 76.815, 311.860



0, 2.177, 308.521

Previews

White Background



This preview shows how the CIE LCh color 53, 38.183, 126.386 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, 38.183, 126.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

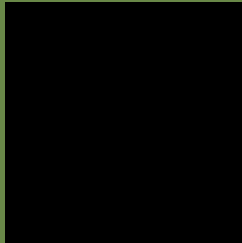
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 38.183, 126.386

Background



This preview shows how black text looks on a background with the CIELCh color 53, 38.183, 126.386.



This preview shows how white text looks on a background with the CIELCh color 53, 38.183, 126.386.

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, 38.183, 126.386

Protanopia

53, 32.779, 95.522

Deuteranopia

53, 29.830, 76.183



Tritanopia
53, 8.119, 250.962

Trichromacy



Original Color
53, 38.183, 126.386

Protanomaly
53, 33.647, 108.245

Deuteranomaly
53, 29.324, 97.532

Tritanomaly
53, 12.298, 149.552

Monochromacy



Original Color
53, 38.183, 126.386

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 14.101, 127.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 38.183, 126.386 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(105, 136, 72)` looks like.

```
.text, #text, p{  
    color:rgb(105, 136, 72)  
}
```

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(105, 136, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 136, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 38.183, 126.386 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(105, 136, 72) }
```

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

```
.border{ border-color:rgb(105, 136, 72) }
```

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

Here you see how a box with a 4 pixel rgb(105, 136, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 136, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 136, 72);  
box-shadow:4px 4px 4px 4px rgb(105, 136,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 38.183, 126.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 136, 72) }
```

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

```
.background{ background-color: rgb(105,  
136, 72) }
```

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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