

Converting Colors

CIELCh(53, 32.112, 103.124)

Have a look what the booklet for
CIELCh(53, 32.112, 103.124)
contains.

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Color

CIELCh(53, 32.098, 103.682)

Conversions

Conversions Part 1

Format	Color
Hex	848148
RGB	132, 129, 72
RGB Percent	52%, 51%, 28%
CMY	0.4827, 0.4944, 0.7179
CMYK	0.00, 0.02, 0.45, 0.48
HSL	57°, 29%, 40%
HSV	57°, 45%, 52%
XYZ	18.5106, 21.0462, 9.2052
YIQ	123.3990, 20.0850, -17.0910

Conversions

Conversions Part 2

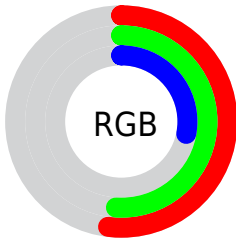
Format	Color
R_{YB}	75, 132, 72
Decimal	8683848
CIE _{Lab}	53.00, -7.59, 31.19
CIE _{LCh}	53, 32.098, 103.682
Yxy	21.0462, 0.3796, 0.4316
Android (android.graphics.Color)	4286873928 (0xFF848148)
YUV	123.3990, -25.3397, 7.5431
Hunter-Lab	45.8761, -8.2601, 20.2166

Details

The CIELCh color **53, 32.098, 103.682** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **34, 35.665, 294.386**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 32.057, 104.055**, and **33, 32.345, 103.549** is the 20% darker color. If you saturate the color by 10%, you get **53, 38.611, 102.759**, and if you desaturate by 10%, it is **53, 25.261, 104.648**.

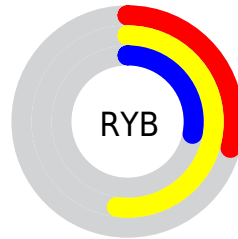
Distribution



Red (52%)

Green (51%)

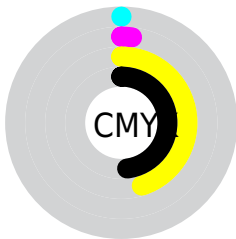
Blue (28%)



Red (29%)

Yellow (52%)

Blue (28%)

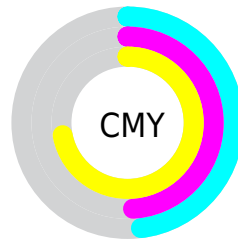


Cyan (0%)

Magenta (2%)

Yellow (45%)

Black (48%)



Cyan (48%)


Magenta (49%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 32.098, 103.682 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, 32.098, 103.682 by changing the saturation by 10% instead.


 53, 32.098,
103.682


 53, 32.098,
103.682


 100, 32.098,
103.682


 43, 32.098,
103.682


 73, 32.098,
103.682

 33, 32.098,
103.682

 83, 32.098,
103.682

 23, 32.098,
103.682

 93, 32.098,
103.682

 13, 32.098,
103.682

 3, 32.098, 103.682

 0, 32.098, 103.682

■ 53, 32.098,
103.682

■ 53, 32.098,
103.682

■ 53, 38.611,
102.759

■ 53, 25.261,
104.648

■ 52, 44.591,
101.894

■ 54, 18.233,
105.628

■ 52, 49.748,
101.117

■ 54, 11.104,
106.608

■ 52, 53.727,
100.455

■ 55, 3.928, 107.570

■ 52, 56.300, 99.916

■ 55, 3.258, 288.556

■ 51, 57.344, 99.687

■ 56, 10.433,
289.466

■ 57, 17.580,
290.354

■ 57, 24.690,
291.205

■ 58, 31.755,
292.018

Harmonies

Complementary

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



53, 32.098, 103.682



34, 35.665, 294.386

Rectangle

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



53, 32.098, 103.682



53, 32.098, 153.682



53, 32.098, 283.682



53, 32.098, 333.682

Sweetspot

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



53, 32.099, 103.685



69, 12.411, 106.721



38, 27.549, 20.275



36, 8.633, 106.538



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, 32.099, 103.685



67, 47.224, 102.691



52, 35.735, 125.197



28, 4.065, 107.223



51, 56.758, 99.692



1, 0.977, 108.107

Inverse Universe

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



34, 35.665, 294.386



39, 54.423, 296.562



36, 38.399, 309.704



26, 4.142, 289.051



14, 78.571, 305.378



0, 0.977, 288.109

Previews

White Background



This preview shows how the CIELCh color 53, 32.098, 103.682 looks on a white background.

Color Contrast Check

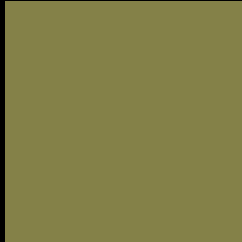
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.098, 103.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

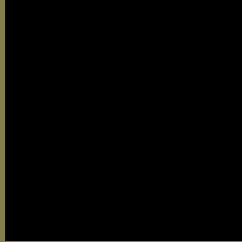
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 32.098, 103.682

Background



This preview shows how black text looks on a background with the CIELCh color 53, 32.098, 103.682.



This preview shows how white text looks on a background with the CIELCh color 53, 32.098, 103.682.

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, 32.098, 103.682

Protanopia

53, 32.125, 96.279

Deuteranopia

53, 31.270, 77.446



Tritanopia
53, 8.621, 338.285

Trichromacy



Original Color
53, 32.098, 103.682

Protanomaly
53, 32.330, 99.601

Deuteranomaly
53, 30.880, 87.274

Tritanomaly
53, 9.818, 80.875

Monochromacy



Original Color
53, 32.098, 103.682

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 12.115, 106.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 32.098, 103.682 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(132, 129, 72)` looks like.

```
.text, #text, p{  
    color:rgb(132, 129, 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(132, 129, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 129, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 32.098, 103.682 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(132, 129, 72) }
```

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

```
.border{ border-color:rgb(132, 129, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 129, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 129, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 129, 72);  
box-shadow:4px 4px 4px 4px rgb(132, 129,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 32.098, 103.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 129, 72) }
```

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

```
.background{ background-color: rgb(132,  
129, 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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