

Converting Colors

CIELCh(53, 29.953, 111.557)

Have a look what the booklet for
CIELCh(53, 29.953, 111.557)
contains.

CIELCh(53, 29.986, 111.536)	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, 29.986, 111.536)

Conversions

Conversions Part 1

Format	Color
Hex	7D834E
RGB	125, 131, 78
RGB Percent	49%, 51%, 31%
CMY	0.5109, 0.4873, 0.6951
CMYK	0.05, 0.00, 0.41, 0.49
HSL	67°, 25%, 41%
HSV	67°, 41%, 51%
XYZ	17.8639, 21.0462, 10.2811
YIQ	123.1640, 13.4370, -17.7550

Conversions

Conversions Part 2

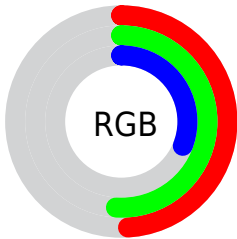
Format	Color
RYB	78, 131, 84
Decimal	8225614
CIELab	53.00, -11.01, 27.89
CIElCh	53, 29.986, 111.536
Yxy	21.0462, 0.3632, 0.4278
Android (android.graphics.Color)	4286415694 (0xFF7D834E)
YUV	123.1640, -22.2659, 1.6102
Hunter-Lab	45.8761, -10.7763, 18.8261

Details

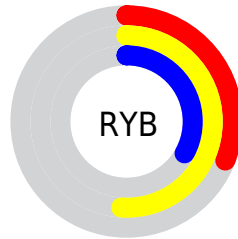
The CIELCh color **53, 29.986, 111.536** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **36, 33.055, 298.771**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 29.992, 111.959**, and **33, 30.004, 111.630** is the 20% darker color. If you saturate the color by 10%, you get **53, 36.903, 110.837**, and if you desaturate by 10%, it is **53, 22.780, 112.288**.

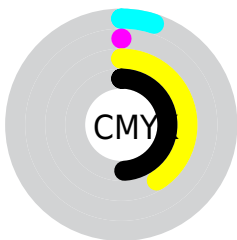
Distribution



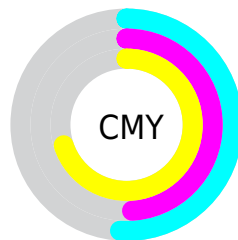
- Red (49%)
- Green (51%)
- Blue (31%)



- Red (31%)
- Yellow (51%)
- Blue (33%)



- Cyan (5%)
- Magenta (0%)
- Yellow (41%)
- Black (49%)





- Cyan (51%)
- Magenta (49%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 29.986, 111.536 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, 29.986, 111.536 by changing the saturation by 10% instead.


 53, 29.986,
111.536


 53, 29.986,
111.536


 100, 29.986,
111.536


 43, 29.986,
111.536


 73, 29.986,
111.536

 33, 29.986,
111.536

 83, 29.986,
111.536

 23, 29.986,
111.536

 93, 29.986,
111.536

 13, 29.986,
111.536

 3, 29.986, 111.536

 0, 29.986, 111.536

■ 53, 29.986,
111.536

■ 53, 29.986,
111.536

■ 53, 36.903,
110.837

■ 53, 22.780,
112.288

■ 52, 43.357,
110.220

■ 54, 15.399,
113.058

■ 52, 49.104,
109.738

■ 54, 7.919, 113.829

■ 52, 53.831,
109.452

■ 55, 0.392, 114.551

■ 55, 7.147, 295.331

■ 52, 57.219,
109.425

■ 56, 14.673,
296.039

■ 52, 59.533,
109.565

■ 56, 22.169,
296.715

■ 57, 29.620,
297.356

■ 58, 37.017,
297.961

Harmonies

Complementary

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



53, 29.986, 111.536



36, 33.055, 298.771

Rectangle

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



53, 29.986, 111.536



53, 29.986, 161.536



53, 29.986, 291.536



53, 29.986, 341.536

Sweetspot

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



53, 29.987, 111.539



69, 11.228, 113.695



40, 22.330, 30.595



36, 7.504, 113.613



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, 29.987, 111.539



68, 44.562, 110.863



51, 33.057, 130.666



28, 4.292, 113.935



51, 59.307, 109.562



1, 1.032, 114.629

Inverse Universe

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



36, 33.055, 298.771



42, 50.631, 300.119



38, 34.485, 314.226



25, 4.380, 295.366



14, 80.508, 306.819



0, 1.033, 294.629

Previews

White Background



This preview shows how the CIELCh color 53, 29.986, 111.536 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, 29.986, 111.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

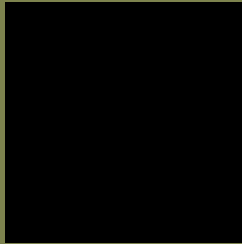
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

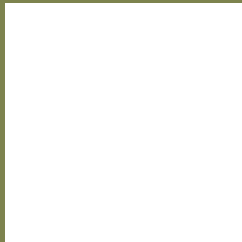
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 29.986, 111.536

Background



This preview shows how black text looks on a background with the CIELCh color 53, 29.986, 111.536.



This preview shows how white text looks on a background with the CIELCh color 53, 29.986, 111.536.

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, 29.986, 111.536

Protanopia

53, 28.958, 95.665

Deuteranopia

53, 28.037, 75.618



Tritanopia
53, 6.441, 316.012

Trichromacy



Original Color
53, 29.986, 111.536

Protanomaly
53, 28.966, 102.036

Deuteranomaly
53, 27.572, 89.539

Tritanomaly
53, 7.021, 99.119

Monochromacy



Original Color
53, 29.986, 111.536

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 10.988, 113.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 29.986, 111.536 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(125, 131, 78)` looks like.

```
.text, #text, p{  
    color:rgb(125, 131, 78)  
}
```

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(125, 131, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 131, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 29.986, 111.536 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(125, 131, 78) }
```

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

```
.border{ border-color:rgb(125, 131, 78) }
```

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

Here you see how a box with a 4 pixel rgb(125, 131, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 131, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 131, 78);  
box-shadow:4px 4px 4px 4px rgb(125, 131,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 29.986, 111.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 131, 78) }
```

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

```
.background{ background-color: rgb(125,  
131, 78) }
```

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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