

Converting Colors

CIELCh(53, 2.778, 39.215)

Have a look what the booklet for
CIELCh(53, 2.778, 39.215) contains.

CIELCh(53, 2.878, 31.115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 2.878, 31.115)

Conversions

Conversions Part 1

Format	Color
Hex	847D7C
RGB	132, 125, 124
RGB Percent	52%, 49%, 49%
CMY	0.4821, 0.5096, 0.5135
CMYK	0.00, 0.05, 0.06, 0.48
HSL	8°, 3%, 50%
HSV	8°, 6%, 52%
XYZ	20.5051, 21.0462, 22.0670
YIQ	126.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

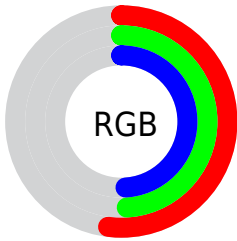
Format	Color
RYB	132, 125, 124
Decimal	8682876
CIELab	53.00, 2.46, 1.49
CIELCh	53, 2.878, 31.115
Yxy	21.0462, 0.3223, 0.3308
Android (android.graphics.Color)	4286872956 (0xFF847D7C)
YUV	126.9790, -1.4686, 4.4034
Hunter-Lab	45.8761, -0.4998, 3.5941

Details

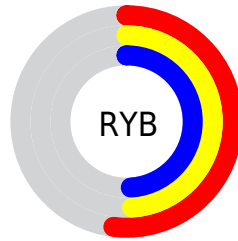
The CIELCh color **53, 2.878, 31.115** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54, 2.773, 211.307**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 2.846, 41.759**, and **33, 3.161, 31.218** is the 20% darker color. If you saturate the color by 10%, you get **49, 7.937, 31.453**, and if you desaturate by 10%, it is **57, 1.801, 211.406**.

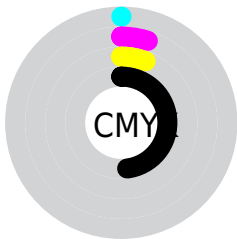
Distribution



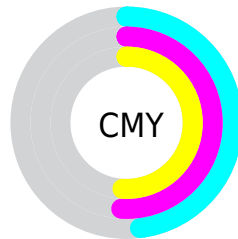
- Red (52%)
- Green (49%)
- Blue (49%)



- Red (52%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 2.878, 31.115 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, 2.878, 31.115 by changing the saturation by 10% instead.

 53, 2.878, 31.115  53, 2.878, 31.115

 100, 2.878, 31.115  43, 2.878, 31.115

 73, 2.878, 31.115  33, 2.878, 31.115

 83, 2.878, 31.115  23, 2.878, 31.115

 93, 2.878, 31.115  13, 2.878, 31.115

 3, 2.878, 31.115

 0, 2.878, 31.115

 53, 2.878, 31.115  53, 2.878, 31.115

 49, 7.937, 31.453  57, 1.801, 211.406

 46, 13.408, 31.832  60, 6.132, 211.219

43, 19.308, 32.383

64, 10.154,
211.227

39, 25.634, 33.163

68, 13.902,
211.296

36, 32.345, 34.225

34, 39.351, 35.608

71, 17.408,
211.402

31, 46.474, 37.301

75, 20.702,
211.535

29, 53.361, 39.146

28, 59.165, 40.575

78, 23.810,
211.686

82, 26.754,
211.849

86, 29.554,
212.020

Harmonies

Complementary

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



53, 2.878, 31.115



54, 2.773, 211.307

Rectangle

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



53, 2.878, 31.115



53, 2.878, 81.115



53, 2.878, 211.115



53, 2.878, 261.115

Sweetspot

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



53, 2.877, 31.146



69, 1.153, 30.805



53, 5.201, 328.082



36, 0.661, 30.772



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, 2.877, 31.146



67, 4.121, 31.186



54, 3.080, 86.120



26, 2.160, 31.191



27, 60.336, 41.085



0, 0.630, 31.203

Inverse Universe

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



54, 2.773, 211.307



69, 3.944, 211.280



53, 3.076, 267.738



27, 2.066, 211.277



44, 26.710, 218.640



0, 0.630, 211.222

Previews

White Background



This preview shows how the CIELCh color 53, 2.878, 31.115 looks on a white background.

Color Contrast Check

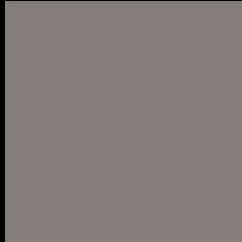
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 53, 2.878, 31.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

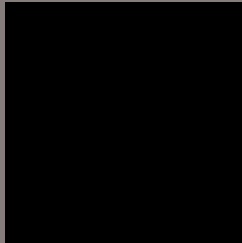
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

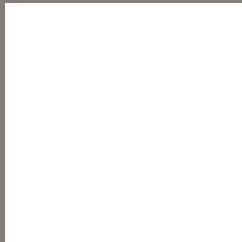
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 2.878, 31.115

Background



This preview shows how black text looks on a background with the CIELCh color 53, 2.878, 31.115.



This preview shows how white text looks on a background with the CIELCh color 53, 2.878, 31.115.

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

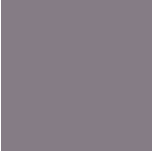
53, 2.878, 31.115

Protanopia

53, 1.325, 44.999

Deuteranopia

53, 7.116, 6.120



Tritanopia
53, 6.333, 324.769

Trichromacy



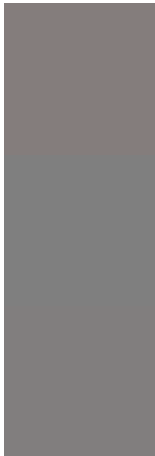
Original Color
53, 2.878, 31.115

Protanomaly
53, 1.698, 39.169

Deuteranomaly
53, 5.388, 7.593

Tritanomaly
53, 5.008, 336.070

Monochromacy



Original Color
53, 2.878, 31.115

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 1.199, 19.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 2.878, 31.115 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, 125, 124)` looks like.

```
.text, #text, p{  
    color:rgb(132, 125, 124)  
}
```

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, 125, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 125, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 2.878, 31.115 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, 125, 124) }
```

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

```
.border{ border-color:rgb(132, 125, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 125, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 125, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 125, 124);  
box-shadow:4px 4px 4px 4px rgb(132, 125,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 2.878, 31.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 125, 124) }
```

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

```
.background{ background-color: rgb(132,  
125, 124) }
```

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