

Converting Colors

CIELCh(53, 11.175, 86.028)

Have a look what the booklet for
CIELCh(53, 11.175, 86.028) contains.

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Color

CIELCh(53, 10.859, 83.492)

Conversions

Conversions Part 1

Format	Color
Hex	887D6C
RGB	136, 125, 108
RGB Percent	53%, 49%, 42%
CMY	0.4660, 0.5091, 0.5758
CMYK	0.00, 0.08, 0.21, 0.47
HSL	36°, 11%, 48%
HSV	36°, 21%, 53%
XYZ	20.2531, 21.0462, 17.2293
YIQ	126.3510, 12.0130, -2.9550

Conversions

Conversions Part 2

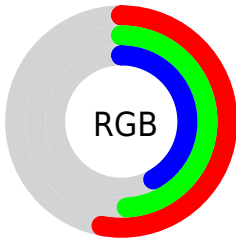
Format	Color
R_{YB}	126, 136, 108
Decimal	8945004
CIE _{Lab}	53.00, 1.23, 10.79
CIE _{LCh}	53, 10.859, 83.492
Yxy	21.0462, 0.3460, 0.3596
Android (android.graphics.Color)	4287135084 (0xFF887D6C)
YUV	126.3510, -9.0470, 8.4622
Hunter-Lab	45.8761, -1.4800, 9.8462

Details

The CIELCh color **53, 10.859, 83.492** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50, 10.650, 268.978**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 11.299, 84.493**, and **33, 10.562, 81.944** is the 20% darker color. If you saturate the color by 10%, you get **51, 16.370, 82.209**, and if you desaturate by 10%, it is **55, 5.498, 84.745**.

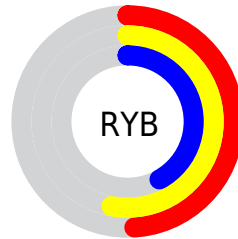
Distribution



Red (53%)

Green (49%)

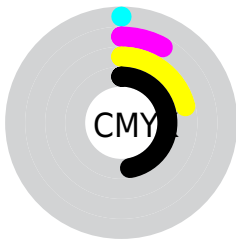
Blue (42%)



Red (49%)

Yellow (53%)

Blue (42%)

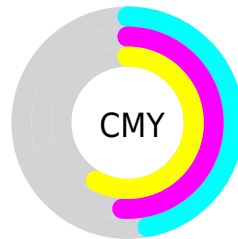


Cyan (0%)

Magenta (8%)

Yellow (21%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 10.859, 83.492 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, 10.859, 83.492 by changing the saturation by 10% instead.

■ 53, 10.859, 83.492

■ 53, 10.859, 83.492

■ 100, 10.859,
83.492

■ 43, 10.859, 83.492

■ 73, 10.859, 83.492

■ 33, 10.859, 83.492

■ 83, 10.859, 83.492

■ 23, 10.859, 83.492

■ 93, 10.859, 83.492

■ 13, 10.859, 83.492

■ 3, 10.859, 83.492

■ 0, 10.859, 83.492

■ 53, 10.859, 83.492

■ 53, 10.859, 83.492

■ 51, 16.370, 82.209

■ 55, 5.498, 84.745

■ 49, 22.018, 80.880

■ 57, 0.285, 85.254

48, 27.764, 79.512

59, 4.788, 267.231

46, 33.525, 78.094

60, 9.729, 268.343

45, 39.136, 76.591

62, 14.551,
269.421

43, 44.293, 74.926

64, 19.264,
270.454

42, 48.505, 72.952

40, 51.837, 70.960

66, 23.879,
271.438

68, 28.406,
272.375

70, 32.852,
273.263

Harmonies

Complementary

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



53, 10.859, 83.492



50, 10.650, 268.978

Rectangle

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



53, 10.859, 83.492



53, 10.859, 133.492



53, 10.859, 263.492



53, 10.859, 313.492

Sweetspot

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



53, 10.860, 83.501



70, 3.822, 85.264



49, 13.191, 351.315



37, 2.557, 85.203



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, 10.860, 83.501



66, 16.390, 82.864



56, 15.936, 112.489



28, 2.957, 84.913



39, 50.842, 71.050



1, 1.360, 86.070

Inverse Universe

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



50, 10.650, 268.978



61, 15.986, 269.819



47, 16.673, 295.967



27, 2.938, 267.294



24, 52.896, 291.763



0, 1.360, 266.079

Previews

White Background



This preview shows how the CIELCh color 53, 10.859, 83.492 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, 10.859, 83.492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

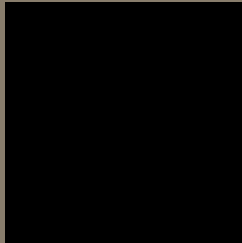
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 10.859, 83.492

Background



This preview shows how black text looks on a background with the CIELCh color 53, 10.859, 83.492.



This preview shows how white text looks on a background with the CIELCh color 53, 10.859, 83.492.

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, 10.859, 83.492

Protanopia

53, 10.220, 92.162

Deuteranopia

53, 12.426, 57.013



Tritanopia
53, 8.567, 343.037

Trichromacy



Original Color
53, 10.859, 83.492

Protanomaly
53, 10.352, 89.909

Deuteranomaly
53, 11.478, 64.341

Tritanomaly
53, 6.115, 20.016

Monochromacy



Original Color
53, 10.859, 83.492

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 3.811, 84.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 10.859, 83.492 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(136, 125, 108)` looks like.

```
.text, #text, p{  
    color:rgb(136, 125, 108)  
}
```

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(136, 125, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 125, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 10.859, 83.492 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(136, 125, 108) }
```

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

```
.border{ border-color:rgb(136, 125, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 125, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 125, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 125, 108);  
box-shadow:4px 4px 4px 4px rgb(136, 125,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 10.859, 83.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 125, 108) }
```

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

```
.background{ background-color: rgb(136,  
125, 108) }
```

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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