

Converting Colors

CIELCh(53, 25.765, 98.405)

Have a look what the booklet for
CIELCh(53, 25.765, 98.405) contains.

CIELCh(53, 25.951, 97.953)	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, 25.951, 97.953)

Conversions

Conversions Part 1

Format	Color
Hex	887F52
RGB	136, 127, 82
RGB Percent	53%, 50%, 32%
CMY	0.4664, 0.5017, 0.6782
CMYK	0.00, 0.07, 0.40, 0.47
HSL	50°, 25%, 43%
HSV	50°, 40%, 53%
XYZ	19.2880, 21.0462, 11.0411
YIQ	124.5610, 19.8090, -12.0870

Conversions

Conversions Part 2

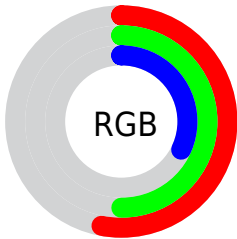
Format	Color
RYB	93, 136, 82
Decimal	8945490
CIELab	53.00, -3.59, 25.70
CIELCh	53, 25.951, 97.953
Yxy	21.0462, 0.3754, 0.4097
Android (android.graphics.Color)	4287135570 (0xFF887F52)
YUV	124.5610, -20.9826, 10.0320
Hunter-Lab	45.8761, -5.2354, 17.8438

Details

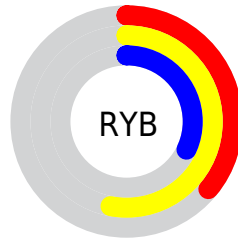
The CIELCh color **53, 25.951, 97.953** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **40, 27.526, 288.019**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 26.107, 98.558**, and **33, 25.852, 97.715** is the 20% darker color. If you saturate the color by 10%, you get **52, 32.322, 96.815**, and if you desaturate by 10%, it is **54, 19.444, 99.090**.

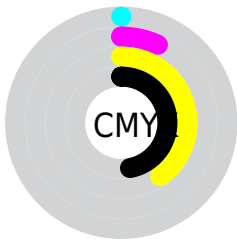
Distribution



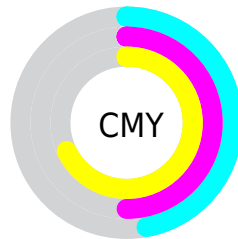
- Red (53%)
- Green (50%)
- Blue (32%)



- Red (36%)
- Yellow (53%)
- Blue (32%)



- Cyan (0%)
- Magenta (7%)
- Yellow (40%)
- Black (47%)



- Cyan (47%)
- Magenta (50%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 25.951, 97.953 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, 25.951, 97.953 by changing the saturation by 10% instead.

■ 53, 25.951, 97.953

■ 53, 25.951, 97.953

■ 100, 25.951,
97.953

■ 43, 25.951, 97.953

■ 73, 25.951, 97.953

■ 33, 25.951, 97.953

■ 83, 25.951, 97.953

■ 23, 25.951, 97.953

■ 93, 25.951, 97.953

■ 13, 25.951, 97.953

■ 3, 25.951, 97.953

■ 0, 25.951, 97.953

■ 53, 25.951, 97.953














■ 53, 25.951, 97.953

■ 52, 32.322, 96.815

■ 54, 19.444, 99.090

■ 51, 38.411, 95.673

■ 55, 12.884,

 51, 43.989, 94.536	 100.205
 50, 48.716, 93.401	 56, 6.323, 101.290
 49, 52.161, 92.252	 57, 0.210, 282.868
 48, 54.495, 91.089	 58, 6.699, 283.411
 48, 54.572, 91.054	 59, 13.134, 284.389
	 60, 19.512, 285.329
	 61, 25.831, 286.227
	 62, 32.090, 287.079

Harmonies

Complementary

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



53, 25.951, 97.953



40, 27.526, 288.019

Rectangle

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



53, 25.951, 97.953



53, 25.951, 147.953



53, 25.951, 277.953



53, 25.951, 327.953

Sweetspot

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



53, 25.952, 97.957



70, 9.669, 101.015



41, 24.168, 10.445



37, 6.466, 100.898



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, 25.952, 97.957



66, 38.535, 96.889



54, 31.318, 120.937



29, 3.718, 101.346



47, 53.572, 91.087



1, 1.727, 102.334

Inverse Universe

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



40, 27.526, 288.019



46, 41.733, 289.919



39, 33.802, 305.613



27, 3.767, 283.379



17, 72.854, 302.785



0, 1.727, 282.337

Previews

White Background



This preview shows how the CIELCh color 53, 25.951, 97.953 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, 25.951, 97.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

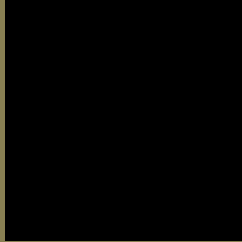
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 25.951, 97.953

Background



This preview shows how black text looks on a background with the CIELCh color 53, 25.951, 97.953.



This preview shows how white text looks on a background with the CIELCh color 53, 25.951, 97.953.

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, 25.951, 97.953

Protanopia

53, 26.119, 95.996

Deuteranopia

53, 26.290, 74.890



Tritanopia
53, 9.878, 344.793

Trichromacy



Original Color
53, 25.951, 97.953

Protanomaly
53, 26.031, 96.972

Deuteranomaly
53, 25.349, 82.942

Tritanomaly
53, 8.877, 60.246

Monochromacy



Original Color
53, 25.951, 97.953

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 9.870, 101.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 25.951, 97.953 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, 127, 82)` looks like.

```
.text, #text, p{  
    color:rgb(136, 127, 82)  
}
```

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, 127, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 127, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 25.951, 97.953 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, 127, 82) }
```

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

```
.border{ border-color:rgb(136, 127, 82) }
```

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

Here you see how a box with a 4 pixel rgb(136, 127, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 127, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 127, 82);  
box-shadow:4px 4px 4px 4px rgb(136, 127,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 25.951, 97.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 127, 82) }
```

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

```
.background{ background-color: rgb(136,  
127, 82) }
```

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