

Converting Colors

CIELCh(53, 26.711, 96.997)

Have a look what the booklet for
CIELCh(53, 26.711, 96.997) contains.

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Color

CIELCh(53, 26.577, 97.089)

Conversions

Conversions Part 1

Format	Color
Hex	897F51
RGB	137, 127, 81
RGB Percent	54%, 50%, 32%
CMY	0.4633, 0.5024, 0.6828
CMYK	0.00, 0.07, 0.41, 0.46
HSL	49°, 26%, 43%
HSV	49°, 41%, 54%
XYZ	19.3492, 21.0462, 10.8040
YIQ	124.7460, 20.7260, -12.1860

Conversions

Conversions Part 2

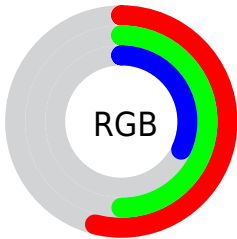
Format	Color
RYB	93, 137, 81
Decimal	9011025
CIELab	53.00, -3.28, 26.37
CIELCh	53, 26.577, 97.089
Yxy	21.0462, 0.3779, 0.4111
Android (android.graphics.Color)	4287201105 (0xFF897F51)
YUV	124.7460, -21.5668, 10.7468
Hunter-Lab	45.8761, -4.9970, 18.1502

Details

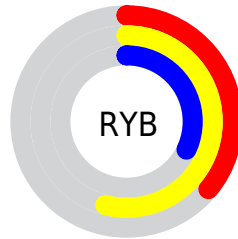
The CIELCh color $53, 26.577, 97.089$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $40, 28.154, 287.638$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 26.701, 97.791$, and $33, 26.489, 96.677$ is the 20% darker color. If you saturate the color by 10%, you get $52, 32.908, 95.931$, and if you desaturate by 10%, it is $54, 20.107, 98.244$.

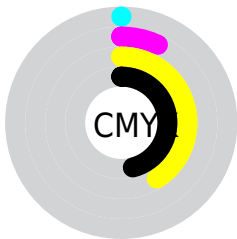
Distribution



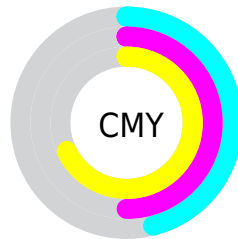
- Red (54%)
- Green (50%)
- Blue (32%)



- Red (36%)
- Yellow (54%)
- Blue (32%)



- Cyan (0%)
- Magenta (7%)
- Yellow (41%)
- Black (46%)



- Cyan (46%)
- Magenta (50%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 26.577, 97.089 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, 26.577, 97.089 by changing the saturation by 10% instead.

■ 53, 26.577, 97.089

■ 53, 26.577, 97.089

■ 100, 26.577,
97.089

■ 43, 26.577, 97.089

■ 73, 26.577, 97.089

■ 33, 26.577, 97.089

■ 83, 26.577, 97.089

■ 23, 26.577, 97.089

■ 93, 26.577, 97.089

■ 13, 26.577, 97.089

■ 3, 26.577, 97.089

■ 0, 26.577, 97.089

■ 53, 26.577, 97.089

■ 53, 26.577, 97.089

■ 52, 32.908, 95.931

■ 54, 20.107, 98.244

■ 51, 38.946, 94.764

■ 55, 13.586, 99.376

50, 44.453, 93.596

56, 7.066, 100.478

50, 49.070, 92.418

57, 0.578, 101.381

49, 52.356, 91.204

58, 5.864, 282.631

48, 54.474, 90.083

59, 12.249,
283.622

60, 18.573,
284.575

61, 24.837,
285.486

63, 31.039,
286.351

Harmonies

Complementary

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



53, 26.577, 97.089



40, 28.154, 287.638

Rectangle

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



53, 26.577, 97.089



53, 26.577, 147.089



53, 26.577, 277.089



53, 26.577, 327.089

Sweetspot

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



53, 26.578, 97.093



71, 9.664, 100.331



41, 25.118, 9.390



37, 6.388, 100.214



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, 26.578, 97.093



67, 39.370, 96.026



54, 32.292, 120.200



29, 3.672, 100.666



47, 53.252, 90.127



1, 1.705, 101.664

Inverse Universe

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



40, 28.154, 287.638



47, 42.547, 289.550



38, 35.021, 305.180



27, 3.718, 282.721



17, 71.971, 302.419



0, 1.705, 281.668

Previews

White Background



This preview shows how the CIELCh color 53, 26.577, 97.089 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, 26.577, 97.089 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, 26.577, 97.089

Background



This preview shows how black text looks on a background with the CIELCh color 53, 26.577, 97.089.



This preview shows how white text looks on a background with the CIELCh color 53, 26.577, 97.089.

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, 26.577, 97.089

Protanopia

53, 26.664, 96.130

Deuteranopia

53, 26.785, 75.418



Tritanopia
53, 9.909, 348.967

Trichromacy



Original Color
53, 26.577, 97.089

Protanomaly
53, 26.664, 96.130

Deuteranomaly
53, 25.871, 83.341

Tritanomaly
53, 9.600, 61.081

Monochromacy



Original Color
53, 26.577, 97.089

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, 26.577, 97.089 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(137, 127, 81)` looks like.

```
.text, #text, p{  
    color:rgb(137, 127, 81)  
}
```

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(137, 127, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 127, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 26.577, 97.089 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(137, 127, 81) }
```

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

```
.border{ border-color:rgb(137, 127, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 127, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 127, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 127, 81);  
box-shadow:4px 4px 4px 4px rgb(137, 127,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 26.577, 97.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 127, 81) }
```

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

```
.background{ background-color: rgb(137,  
127, 81) }
```

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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