

Converting Colors

CIELCh(53, 15.634, 81.775)

Have a look what the booklet for
CIELCh(53, 15.634, 81.775) contains.

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Color

CIELCh(53, 15.525, 81.804)

Conversions

Conversions Part 1

Format	Color
Hex	8C7C64
RGB	140, 124, 100
RGB Percent	55%, 49%, 39%
CMY	0.4495, 0.5122, 0.6064
CMYK	0.00, 0.11, 0.29, 0.45
HSL	36°, 17%, 47%
HSV	36°, 29%, 55%
XYZ	20.4537, 21.0462, 15.1334
YIQ	126.0480, 17.2400, -4.0720

Conversions

Conversions Part 2

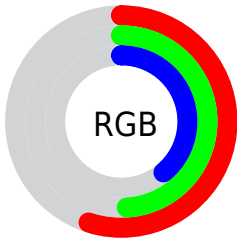
Format	Color
R_{YB}	127, 140, 100
Decimal	9206884
CIE Lab	53.00, 2.21, 15.37
CIE LCh	53, 15.525, 81.804
Yxy	21.0462, 0.3612, 0.3716
Android (android.graphics.Color)	4287396964 (0xFF8C7C64)
YUV	126.0480, -12.8417, 12.2359
Hunter-Lab	45.8761, -0.6997, 12.5549

Details

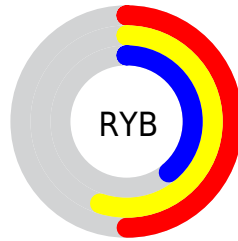
The CIELCh color **53, 15.525, 81.804** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **49, 15.050, 269.721**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 15.356, 80.831**, and **33, 15.474, 81.502** is the 20% darker color. If you saturate the color by 10%, you get **51, 21.271, 80.486**, and if you desaturate by 10%, it is **55, 9.931, 83.098**.

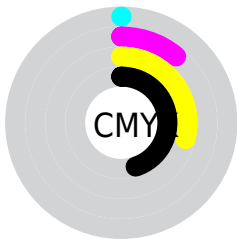
Distribution



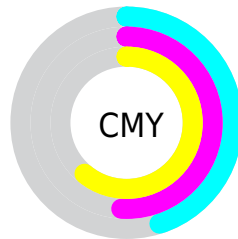
- Red (55%)
- Green (49%)
- Blue (39%)



- Red (50%)
- Yellow (55%)
- Blue (39%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 15.525, 81.804 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, 15.525, 81.804 by changing the saturation by 10% instead.

■ 53, 15.525, 81.804

■ 53, 15.525, 81.804

■ 100, 15.525,
81.804

■ 43, 15.525, 81.804

■ 73, 15.525, 81.804

■ 33, 15.525, 81.804

■ 83, 15.525, 81.804

■ 23, 15.525, 81.804

■ 93, 15.525, 81.804

■ 13, 15.525, 81.804

■ 3, 15.525, 81.804

■ 0, 15.525, 81.804

■ 53, 15.525, 81.804

■ 53, 15.525, 81.804

■ 51, 21.271, 80.486

■ 55, 9.931, 83.098

■ 49, 27.137, 79.125

■ 57, 4.496, 84.330

48, 33.051, 77.717

59, 0.784, 265.883

46, 38.864, 76.232

61, 5.917, 266.812

44, 44.297, 74.602

63, 10.914,
267.923

43, 48.884, 72.690

65, 15.789,
268.998

41, 52.459, 70.488

67, 20.553,
270.025

41, 53.046, 70.202

69, 25.217,
271.005

71, 29.790,
271.936

Harmonies

Complementary

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



53, 15.525, 81.804



49, 15.050, 269.721

Rectangle

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



53, 15.525, 81.804



53, 15.525, 131.804



53, 15.525, 261.804



53, 15.525, 311.804

Sweetspot

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



53, 15.526, 81.811



72, 5.926, 84.248



47, 19.075, 351.163



37, 4.111, 84.092



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53, 15.526, 81.811



67, 23.256, 80.990



57, 22.535, 111.134



29, 3.028, 84.249



40, 51.592, 70.330



1, 2.025, 85.414

Inverse Universe

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



49, 15.050, 269.721



60, 22.380, 270.937



44, 24.060, 296.298



28, 3.006, 266.648



25, 53.050, 291.326



1, 2.026, 265.424

Previews

White Background



This preview shows how the CIELCh color 53, 15.525, 81.804 looks on a white background.

Color Contrast Check

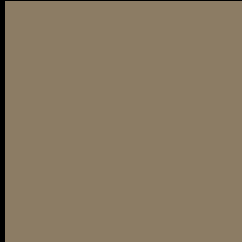
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.525, 81.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

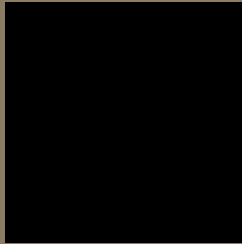
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 15.525, 81.804

Background



This preview shows how black text looks on a background with the CIELCh color 53, 15.525, 81.804.



This preview shows how white text looks on a background with the CIELCh color 53, 15.525, 81.804.

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, 15.525, 81.804

Protanopia

53, 14.784, 94.878

Deuteranopia

53, 16.737, 65.921



Tritanopia
53, 11.243, 349.882

Trichromacy



Original Color
53, 15.525, 81.804

Protanomaly
53, 14.625, 89.470

Deuteranomaly
53, 15.993, 71.753

Tritanomaly
53, 8.886, 31.451

Monochromacy



Original Color
53, 15.525, 81.804

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 5.223, 81.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 15.525, 81.804 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(140, 124, 100)` looks like.

```
.text, #text, p{  
    color:rgb(140, 124, 100)  
}
```

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(140, 124, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 124, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 15.525, 81.804 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(140, 124, 100) }
```

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

```
.border{ border-color:rgb(140, 124, 100) }
```

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

Here you see how a box with a 4 pixel rgb(140, 124, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 124, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 124, 100);  
box-shadow:4px 4px 4px 4px rgb(140, 124,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 15.525, 81.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 124, 100) }
```

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

```
.background{ background-color: rgb(140,  
124, 100) }
```

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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