

Converting Colors

CIELCh(53, 18.923, 51.309)

Have a look what the booklet for
CIELCh(53, 18.923, 51.309) contains.

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Color

CIELCh(53, 18.774, 51.865)

Conversions

Conversions Part 1

Format	Color
Hex	9B7766
RGB	155, 119, 102
RGB Percent	61%, 47%, 40%
CMY	0.3930, 0.5341, 0.6008
CMYK	0.00, 0.23, 0.34, 0.39
HSL	19°, 21%, 50%
HSV	19°, 34%, 61%
XYZ	22.4354, 21.0462, 15.3977
YIQ	127.8260, 26.9130, 2.3450

Conversions

Conversions Part 2

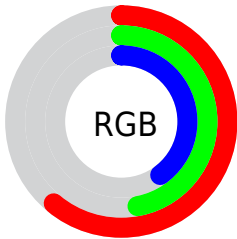
Format	Color
R_{YB}	155, 127, 102
Decimal	10188646
CIE _{Lab}	53.00, 11.59, 14.77
CIE _{LCh}	53, 18.774, 51.865
Yxy	21.0462, 0.3810, 0.3574
Android (android.graphics.Color)	4288378726 (0xFF9B7766)
YUV	127.8260, -12.7322, 23.8316
Hunter-Lab	45.8761, 7.0109, 12.2134

Details

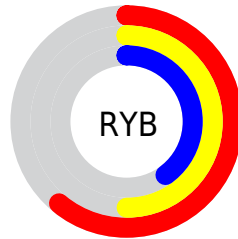
The CIELCh color **53, 18.774, 51.865** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **55, 15.434, 237.948**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 18.650, 51.671**, and **33, 18.546, 53.408** is the 20% darker color. If you saturate the color by 10%, you get **50, 25.176, 51.379**, and if you desaturate by 10%, it is **56, 12.806, 52.447**.

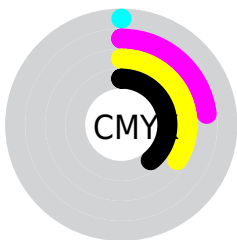
Distribution



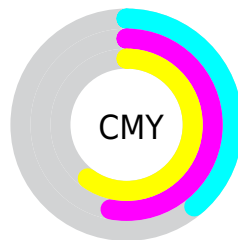
- Red (61%)
- Green (47%)
- Blue (40%)



- Red (61%)
- Yellow (50%)
- Blue (40%)



- Cyan (0%)
- Magenta (23%)
- Yellow (34%)
- Black (39%)



- Cyan (39%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 18.774, 51.865 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, 18.774, 51.865 by changing the saturation by 10% instead.

■ 53, 18.774, 51.865

■ 53, 18.774, 51.865

■ 100, 18.774,
51.865

■ 43, 18.774, 51.865

■ 73, 18.774, 51.865

■ 33, 18.774, 51.865

■ 83, 18.774, 51.865

■ 23, 18.774, 51.865

■ 93, 18.774, 51.865

■ 13, 18.774, 51.865

■ 3, 18.774, 51.865

■ 0, 18.774, 51.865

■ 53, 18.774, 51.865

■ 53, 18.774, 51.865

■ 50, 25.176, 51.379

■ 56, 12.806, 52.447

■ 47, 32.012, 50.983

■ 59, 7.252, 53.077

44, 39.227, 50.678

63, 2.078, 53.641

42, 46.670, 50.414

66, 2.751, 234.725

39, 53.984, 50.041

69, 7.274, 235.390

37, 60.435, 49.213

72, 11.527,
236.136

36, 64.070, 48.948

76, 15.543,
236.891

79, 19.349,
237.642

82, 22.974,
238.381

Harmonies

Complementary

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



53, 18.774, 51.865



55, 15.434, 237.948

Rectangle

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



53, 18.774, 51.865



53, 18.774, 101.865



53, 18.774, 231.865



53, 18.774, 281.865

Sweetspot

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



53, 18.773, 51.872



77, 6.226, 53.332



50, 29.296, 337.472



40, 4.302, 53.250



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



53, 18.773, 51.872



65, 28.670, 51.490



60, 24.510, 97.521



31, 2.802, 53.392



33, 59.348, 49.187



2, 2.944, 53.470

Inverse Universe

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



55, 15.434, 237.948



69, 22.394, 239.246



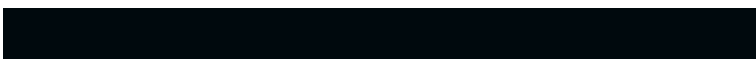
48, 25.632, 286.199



31, 2.677, 234.987



38, 32.099, 258.648



2, 2.945, 235.571

Previews

White Background



This preview shows how the CIELCh color 53, 18.774, 51.865 looks on a white background.

Color Contrast Check

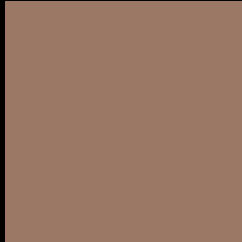
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.774, 51.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

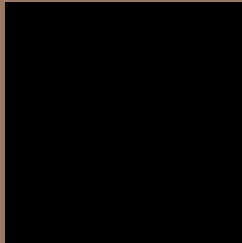
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 18.774, 51.865

Background



This preview shows how black text looks on a background with the CIELCh color 53, 18.774, 51.865.



This preview shows how white text looks on a background with the CIELCh color 53, 18.774, 51.865.

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, 18.774, 51.865

Protanopia

53, 12.557, 92.886

Deuteranopia

53, 16.737, 65.921



Tritanopia
53, 17.470, 6.340

Trichromacy



Original Color
53, 18.774, 51.865

Protanomaly
53, 13.749, 72.196

Deuteranomaly
53, 17.312, 61.600

Tritanomaly
53, 16.486, 23.249

Monochromacy



Original Color
53, 18.774, 51.865

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 6.721, 56.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 18.774, 51.865 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(155, 119, 102)` looks like.

```
.text, #text, p{  
    color:rgb(155, 119, 102)  
}
```

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(155, 119, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 119, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 18.774, 51.865 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(155, 119, 102) }
```

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

```
.border{ border-color:rgb(155, 119, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 119, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 119, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 119, 102);  
box-shadow:4px 4px 4px 4px rgb(155, 119,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 18.774, 51.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 119, 102) }
```

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

```
.background{ background-color: rgb(155,  
119, 102) }
```

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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