

Converting Colors

CIELCh(53, 17.514, 116.202)

Have a look what the booklet for
CIELCh(53, 17.514, 116.202)
contains.

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Color

CIELCh(53, 17.912, 116.158)

Conversions

Conversions Part 1

Format	Color
Hex	7C8263
RGB	124, 130, 99
RGB Percent	49%, 51%, 39%
CMY	0.5149, 0.4913, 0.6129
CMYK	0.05, 0.00, 0.24, 0.49
HSL	72°, 14%, 45%
HSV	72°, 24%, 51%
XYZ	18.4524, 21.0462, 14.8240
YIQ	124.6720, 6.3750, -10.9130

Conversions

Conversions Part 2

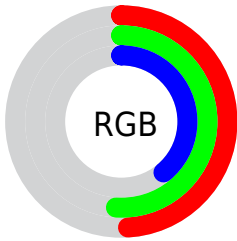
Format	Color
RYB	99, 130, 105
Decimal	8159843
CIELab	53.00, -7.90, 16.08
CIElCh	53, 17.912, 116.158
Yxy	21.0462, 0.3397, 0.3874
Android (android.graphics.Color)	4286349923 (0xFF7C8263)
YUV	124.6720, -12.6563, -0.5893
Hunter-Lab	45.8761, -8.4866, 12.9549

Details

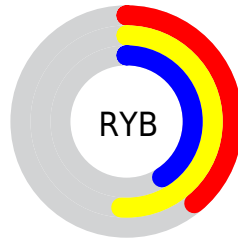
The CIELCh color $53, 17.912, 116.158$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $43, 18.833, 299.586$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 17.922, 116.036$, and $33, 18.135, 116.059$ is the 20% darker color. If you saturate the color by 10%, you get $53, 25.264, 115.495$, and if you desaturate by 10%, it is $53, 10.448, 116.835$.

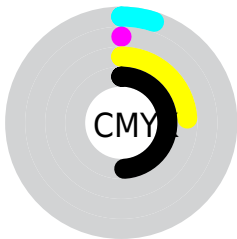
Distribution



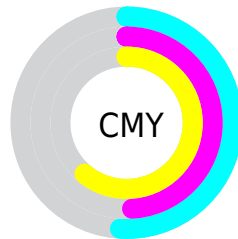
- Red (49%)
- Green (51%)
- Blue (39%)



- Red (39%)
- Yellow (51%)
- Blue (41%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (49%)





- Cyan (51%)
- Magenta (49%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 17.912, 116.158 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, 17.912, 116.158 by changing the saturation by 10% instead.


 53, 17.912,
116.158


 53, 17.912,
116.158


 100, 17.912,
116.158


 43, 17.912,
116.158


 73, 17.912,
116.158

 33, 17.912,
116.158


 83, 17.912,
116.158

 23, 17.912,
116.158

 93, 17.912,
116.158

 13, 17.912,
116.158

 3, 17.912, 116.158

 0, 17.912, 116.158

■ 53, 17.912,
116.158

■ 53, 17.912,
116.158

■ 53, 25.264,
115.495

■ 53, 10.448,
116.835

■ 52, 32.413,
114.858

■ 54, 2.926, 117.500

■ 52, 39.230,
114.285

■ 55, 4.612, 298.139

■ 51, 45.526,
113.824

■ 55, 12.136,
298.756

■ 51, 51.037,
113.540

■ 56, 19.627,
299.341

■ 51, 55.444,
113.513

■ 57, 27.069,
299.893

■ 51, 58.479,
113.815

■ 57, 34.450,
300.411

■ 51, 60.067,

■ 58, 41.761,
300.895

114.046

■ 59, 48.995,
301.345

Harmonies

Complementary

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



53, 17.912, 116.158



43, 18.833, 299.586

Rectangle

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



53, 17.912, 116.158



53, 17.912, 166.158



53, 17.912, 296.158



53, 17.912, 346.158

Sweetspot

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



53, 17.913, 116.161



68, 6.517, 117.283



46, 11.521, 37.444



35, 4.215, 117.254



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



53, 17.913, 116.161



67, 26.822, 115.774



52, 19.934, 134.156



27, 4.182, 117.156



50, 59.323, 114.029



0, 0.000, 0.000

Inverse Universe

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



43, 18.833, 299.586



53, 28.587, 300.125



45, 20.304, 316.178



24, 4.264, 298.376



14, 78.654, 307.421



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 53, 17.912, 116.158 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, 17.912, 116.158 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

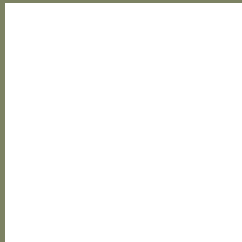
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 17.912, 116.158

Background



This preview shows how black text looks on a background with the CIELCh color 53, 17.912, 116.158.



This preview shows how white text looks on a background with the CIELCh color 53, 17.912, 116.158.

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, 17.912, 116.158

Protanopia

53, 17.117, 94.832

Deuteranopia

53, 16.767, 65.900



Tritanopia
53, 6.020, 305.848

Trichromacy



Original Color
53, 17.912, 116.158

Protanomaly
53, 16.723, 102.134

Deuteranomaly
53, 15.327, 83.263

Tritanomaly
53, 2.878, 109.801

Monochromacy



Original Color
53, 17.912, 116.158

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.408, 116.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 17.912, 116.158 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(124, 130, 99)` looks like.

```
.text, #text, p{  
    color:rgb(124, 130, 99)  
}
```

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(124, 130, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 130, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 17.912, 116.158 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(124, 130, 99) }
```

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

```
.border{ border-color:rgb(124, 130, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 130, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 130, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 130, 99);  
box-shadow:4px 4px 4px 4px rgb(124, 130,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 17.912, 116.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 130, 99) }
```

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

```
.background{ background-color: rgb(124,  
130, 99) }
```

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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