

Converting Colors

CIELCh(53, 13.503, 56.151)

Have a look what the booklet for
CIELCh(53, 13.503, 56.151) contains.

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Color

CIELCh(53, 13.508, 56.635)

Conversions

Conversions Part 1

Format	Color
Hex	937A6C
RGB	147, 122, 108
RGB Percent	58%, 48%, 42%
CMY	0.4253, 0.5233, 0.5781
CMYK	0.00, 0.17, 0.27, 0.43
HSL	22°, 15%, 50%
HSV	22°, 27%, 57%
XYZ	21.5405, 21.0462, 16.9950
YIQ	127.8790, 19.3940, 0.9460

Conversions

Conversions Part 2

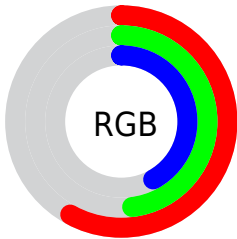
Format	Color
R_{YB}	147, 130, 108
Decimal	9665132
CIE _{Lab}	53.00, 7.43, 11.28
CIE _{LCh}	53, 13.508, 56.635
Yxy	21.0462, 0.3615, 0.3532
Android (android.graphics.Color)	4287855212 (0xFF937A6C)
YUV	127.8790, -9.8003, 16.7691
Hunter-Lab	45.8761, 3.5291, 10.1490

Details

The CIELCh color **53, 13.508, 56.635** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **54, 11.838, 241.977**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 13.818, 55.833**, and **33, 13.485, 54.245** is the 20% darker color. If you saturate the color by 10%, you get **50, 19.242, 55.896**, and if you desaturate by 10%, it is **56, 8.146, 57.433**.

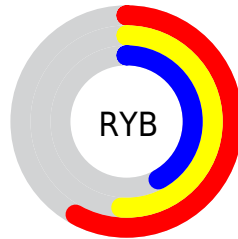
Distribution



Red (58%)

Green (48%)

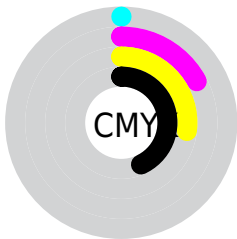
Blue (42%)



Red (58%)

Yellow (51%)

Blue (42%)

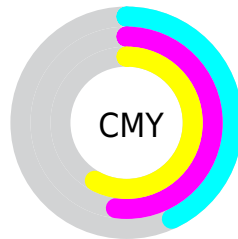


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (43%)



Cyan (43%)

Magenta (52%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 13.508, 56.635 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, 13.508, 56.635 by changing the saturation by 10% instead.

■ 53, 13.508, 56.635

■ 53, 13.508, 56.635

■ 100, 13.508,
56.635

■ 43, 13.508, 56.635

■ 73, 13.508, 56.635

■ 33, 13.508, 56.635

■ 83, 13.508, 56.635

■ 23, 13.508, 56.635

■ 93, 13.508, 56.635

■ 13, 13.508, 56.635

■ 3, 13.508, 56.635

■ 0, 13.508, 56.635

■ 53, 13.508, 56.635

■ 53, 13.508, 56.635

■ 50, 19.242, 55.896

■ 56, 8.146, 57.433

■ 47, 25.364, 55.209

■ 59, 3.130, 58.203

45, 31.860, 54.589

62, 1.573, 239.427

42, 38.664, 54.018

65, 5.997, 240.127

40, 45.596, 53.428

68, 10.172,
240.976

38, 52.259, 52.639

71, 14.130,
241.831

36, 58.074, 51.444

35, 60.187, 51.274

74, 17.896,
242.675

77, 21.494,
243.501

80, 24.944,
244.304

Harmonies

Complementary

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



53, 13.508, 56.635



54, 11.838, 241.977

Rectangle

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



53, 13.508, 56.635



53, 13.508, 106.635



53, 13.508, 236.635



53, 13.508, 286.635

Sweetspot

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



53, 13.508, 56.644



74, 4.744, 58.092



50, 21.300, 338.338



39, 3.414, 57.987



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



53, 13.508, 56.644



66, 20.625, 56.183



58, 18.808, 100.375



30, 2.726, 58.014



33, 57.365, 51.454



1, 2.323, 58.884

Inverse Universe

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



54, 11.838, 241.977



67, 17.460, 242.937



48, 19.561, 286.657



30, 2.617, 239.853



36, 33.828, 264.947



1, 2.323, 238.901

Previews

White Background



This preview shows how the CIELCh color 53, 13.508, 56.635 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, 13.508, 56.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

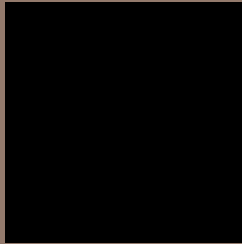
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 13.508, 56.635

Background



This preview shows how black text looks on a background with the CIELCh color 53, 13.508, 56.635.



This preview shows how white text looks on a background with the CIELCh color 53, 13.508, 56.635.

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, 13.508, 56.635

Protanopia

53, 9.668, 91.295

Deuteranopia

53, 13.156, 57.748



Tritanopia
53, 13.214, 357.937

Trichromacy



Original Color
53, 13.508, 56.635

Protanomaly
53, 10.513, 74.700

Deuteranomaly
53, 13.156, 57.748

Tritanomaly
53, 11.603, 17.868

Monochromacy



Original Color
53, 13.508, 56.635

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 4.668, 57.692

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 13.508, 56.635 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(147, 122, 108)` looks like.

```
.text, #text, p{  
    color:rgb(147, 122, 108)  
}
```

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(147, 122, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 122, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 13.508, 56.635 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(147, 122, 108) }
```

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

```
.border{ border-color:rgb(147, 122, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 122, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 122, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 122, 108);  
box-shadow:4px 4px 4px 4px rgb(147, 122,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 13.508, 56.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 122, 108) }
```

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

```
.background{ background-color: rgb(147,  
122, 108) }
```

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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