

Converting Colors

CIELCh(53, 12.946, 10.708)

Have a look what the booklet for
CIELCh(53, 12.946, 10.708) contains.

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Color

CIELCh(53, 12.966, 10.723)

Conversions

Conversions Part 1

Format	Color
Hex	96777B
RGB	150, 119, 123
RGB Percent	59%, 47%, 48%
CMY	0.4125, 0.5340, 0.5183
CMYK	0.00, 0.21, 0.18, 0.41
HSL	352°, 13%, 53%
HSV	352°, 21%, 59%
XYZ	22.6860, 21.0462, 21.5497
YIQ	128.7250, 17.1920, 7.8160

Conversions

Conversions Part 2

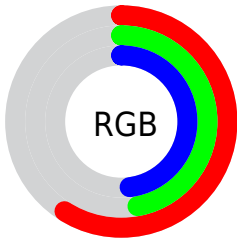
Format	Color
RYB	150, 119, 123
Decimal	9860987
CIELab	53.00, 12.74, 2.41
CIELCh	53, 12.966, 10.723
Yxy	21.0462, 0.3475, 0.3224
Android (android.graphics.Color)	4288051067 (0xFF96777B)
YUV	128.7250, -2.8224, 18.6582
Hunter-Lab	45.8761, 7.9861, 4.2626

Details

The CIELCh color **53, 12.966, 10.723** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **60, 11.737, 187.183**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 13.253, 11.203**, and **33, 13.352, 10.947** is the 20% darker color. If you saturate the color by 10%, you get **49, 19.769, 11.993**, and if you desaturate by 10%, it is **57, 6.501, 9.665**.

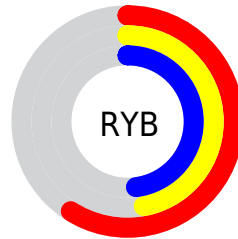
Distribution



Red (59%)

Green (47%)

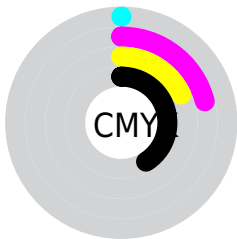
Blue (48%)



Red (59%)

Yellow (47%)

Blue (48%)

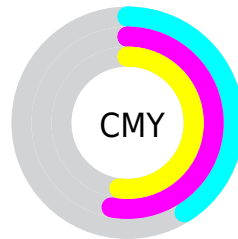


Cyan (0%)

Magenta (21%)

Yellow (18%)

Black (41%)



Cyan (41%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 12.966, 10.723 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, 12.966, 10.723 by changing the saturation by 10% instead.

■ 53, 12.966, 10.723

■ 53, 12.966, 10.723

■ 100, 12.966,
10.723

■ 43, 12.966, 10.723

■ 73, 12.966, 10.723

■ 33, 12.966, 10.723

■ 83, 12.966, 10.723

■ 23, 12.966, 10.723

■ 93, 12.966, 10.723

■ 13, 12.966, 10.723

■ 3, 12.966, 10.723

■ 0, 12.966, 10.723

■ 53, 12.966, 10.723

■ 53, 12.966, 10.723

■ 49, 19.769, 11.993

■ 57, 6.501, 9.665

■ 45, 26.844, 13.545

■ 62, 0.406, 7.814

41, 34.059, 15.485

66, 5.325, 188.215

38, 41.222, 17.934

71, 10.709,
187.542

35, 48.092, 21.020

75, 15.773,
186.978

33, 54.442, 24.828

32, 60.107, 29.290

80, 20.548,
186.484

31, 64.902, 33.387

84, 25.065,
186.047

89, 29.351,
185.654

93, 33.432,
185.300

Harmonies

Complementary

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



53, 12.966, 10.723



60, 11.737, 187.183

Rectangle

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



53, 12.966, 10.723



53, 12.966, 60.723



53, 12.966, 190.723



53, 12.966, 240.723

Sweetspot

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



53, 12.964, 10.729



75, 4.442, 9.202



53, 20.665, 321.705



39, 2.943, 9.262



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, 12.964, 10.729



65, 19.593, 11.307



56, 10.489, 57.982



29, 3.386, 9.516



28, 60.774, 32.981



1, 2.884, 8.807

Inverse Universe

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



53, 12.964, 10.729



65, 19.593, 11.307



57, 9.513, 242.149



29, 3.386, 9.516



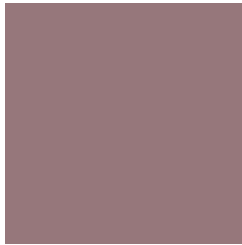
28, 60.774, 32.981



1, 2.884, 8.807

Previews

White Background



This preview shows how the CIELCh color 53, 12.966, 10.723 looks on a white background.

Color Contrast Check

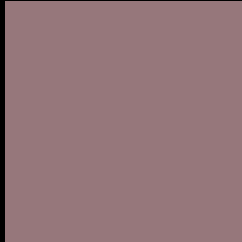
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.966, 10.723 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, 12.966, 10.723

Background



This preview shows how black text looks on a background with the CIELCh color 53, 12.966, 10.723.



This preview shows how white text looks on a background with the CIELCh color 53, 12.966, 10.723.

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, 12.966, 10.723

Protanopia

53, 1.337, 353.642

Deuteranopia

53, 7.794, 20.221



Tritanopia
53, 13.997, 359.402

Trichromacy



Original Color
53, 12.966, 10.723

Protanomaly
53, 5.789, 8.519

Deuteranomaly
53, 9.477, 16.968

Tritanomaly
53, 13.687, 3.956

Monochromacy



Original Color
53, 12.966, 10.723

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 4.974, 6.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 12.966, 10.723 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(150, 119, 123)` looks like.

```
.text, #text, p{  
    color:rgb(150, 119, 123)  
}
```

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(150, 119, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 119, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 12.966, 10.723 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(150, 119, 123) }
```

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

```
.border{ border-color:rgb(150, 119, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 119, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 119, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 119, 123);  
box-shadow:4px 4px 4px 4px rgb(150, 119,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 12.966, 10.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 119, 123) }
```

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

```
.background{ background-color: rgb(150,  
119, 123) }
```

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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