

Converting Colors

CIELCh(53, 15.988, 353.461)

Have a look what the booklet for
CIELCh(53, 15.988, 353.461)
contains.

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Color

CIELCh(53, 15.966, 353.445)

Conversions

Conversions Part 1	
Format	Color
Hex	987582
RGB	152, 117, 130
RGB Percent	60%, 46%, 51%
CMY	0.4035, 0.5408, 0.4898
CMYK	0.00, 0.23, 0.14, 0.40
HSL	338°, 15%, 53%
HSV	338°, 23%, 60%
XYZ	23.3780, 21.0462, 23.9852
YIQ	128.9470, 16.6870, 11.4630

Conversions

Conversions Part 2

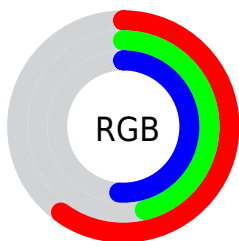
Format	Color
RYB	152, 117, 130
Decimal	9991554
CIELab	53.00, 15.86, -1.82
CIELCh	53, 15.966, 353.445
Yxy	21.0462, 0.3417, 0.3077
Android (android.graphics.Color)	4288181634 (0xFF987582)
YUV	128.9470, 0.5191, 20.2175
Hunter-Lab	45.8761, 10.6786, 1.1150

Details

The CIELCh color **53, 15.966, 353.445** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **60, 15.190, 169.087**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 16.250, 353.166**, and **33, 16.144, 352.104** is the 20% darker color. If you saturate the color by 10%, you get **49, 23.139, 354.683**, and if you desaturate by 10%, it is **57, 8.897, 352.367**.

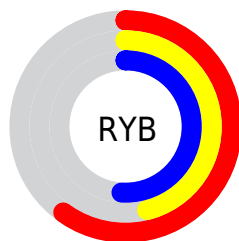
Distribution



Red (60%)

Green (46%)

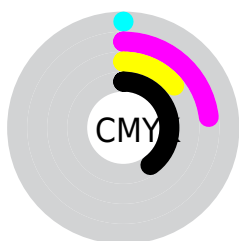
Blue (51%)



Red (60%)

Yellow (46%)

Blue (51%)

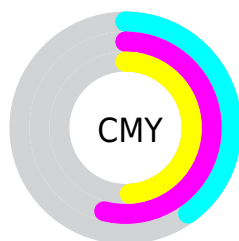


Cyan (0%)

Magenta (23%)

Yellow (14%)

Black (40%)



Cyan (40%)


Magenta (54%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 15.966, 353.445 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, 15.966, 353.445 by changing the saturation by 10% instead.


 53, 15.966,
353.445


 53, 15.966,
353.445


 100, 15.966,
353.445


 43, 15.966,
353.445


 73, 15.966,
353.445

 33, 15.966,
353.445

 83, 15.966,
353.445

 23, 15.966,
353.445

 93, 15.966,
353.445

 13, 15.966,
353.445

 3, 15.966, 353.445

 0, 15.966, 353.445

■ 53, 15.966,
353.445

■ 53, 15.966,
353.445

■ 49, 23.139,
354.683

■ 57, 8.897, 352.367

■ 45, 30.274,
356.133

■ 62, 2.027, 351.291

■ 66, 4.599, 170.720

■ 42, 37.146,
357.874

■ 70, 10.964,
169.922

■ 38, 43.462, 0.014

■ 75, 17.067,
169.228

■ 36, 48.888, 2.692

■ 79, 22.919,
168.599


■ 34, 53.142, 6.073

■ 32, 56.127, 10.308

■ 84, 28.536,
168.023

■ 32, 57.904, 13.534

■ 88, 33.936,
167.492

 93, 39.137,
167.001

Harmonies

Complementary

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



53, 15.966, 353.445



60, 15.190, 169.087

Rectangle

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



53, 15.966, 353.445



53, 15.966, 43.445



53, 15.966, 173.445



53, 15.966, 223.445

Sweetspot

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



53, 15.964, 353.448



76, 5.899, 351.769



52, 21.948, 314.002



40, 3.826, 351.822



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



53, 15.964, 353.448



65, 24.325, 354.112



54, 13.235, 30.903



30, 3.859, 351.982



29, 54.518, 13.110



1, 4.094, 351.605

Inverse Universe

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



53, 15.964, 353.448



65, 24.325, 354.112



59, 11.340, 210.267



30, 3.859, 351.982



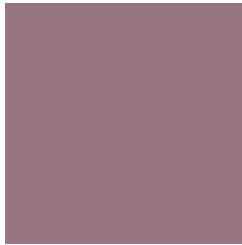
29, 54.518, 13.110



1, 4.094, 351.605

Previews

White Background



This preview shows how the CIELCh color 53, 15.966, 353.445 looks on a white background.

Color Contrast Check

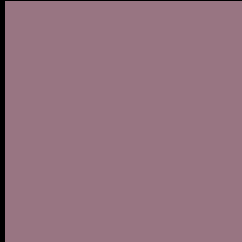
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.966, 353.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

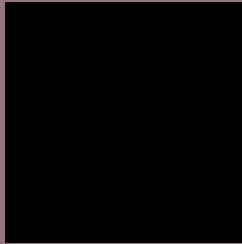
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 15.966, 353.445

Background



This preview shows how black text looks on a background with the CIELCh color 53, 15.966, 353.445.



This preview shows how white text looks on a background with the CIELCh color 53, 15.966, 353.445.

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, 15.966, 353.445

Protanopia

53, 5.231, 295.074

Deuteranopia

53, 6.955, 350.328



Tritanopia

53, 14.770, 0.714

Trichromacy

	Original Color 53, 15.966, 353.445
	Protanomaly 53, 7.770, 332.186
	Deuteranomaly 53, 9.995, 353.105
	Tritanomaly 53, 14.943, 358.618

Monochromacy

	Original Color 53, 15.966, 353.445
	Achromatopsia 54, 0.007, 296.813
	Achromatomaly 54, 5.344, 354.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 15.966, 353.445 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(152, 117, 130)` looks like.

```
.text, #text, p{  
    color:rgb(152, 117, 130)  
}
```

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(152, 117, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 117, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 15.966, 353.445 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(152, 117, 130) }
```

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

```
.border{ border-color:rgb(152, 117, 130) }
```

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

Here you see how a box with a 4 pixel rgb(152, 117, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 117, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 117, 130);  
box-shadow:4px 4px 4px 4px rgb(152, 117,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 15.966, 353.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 117, 130) }
```

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

```
.background{ background-color: rgb(152,  
117, 130) }
```

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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