

Converting Colors

CIELCh(53, 12.461, 354.943)

Have a look what the booklet for
CIELCh(53, 12.461, 354.943)
contains.

CIELCh(53, 12.685, 353.928)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 12.685, 353.928)

Conversions

Conversions Part 1

Format	Color
Hex	937781
RGB	147, 119, 129
RGB Percent	58%, 47%, 51%
CMY	0.4228, 0.5326, 0.4934
CMYK	0.00, 0.19, 0.12, 0.42
HSL	339°, 11%, 52%
HSV	339°, 19%, 58%
XYZ	22.6584, 21.0462, 23.6999
YIQ	128.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

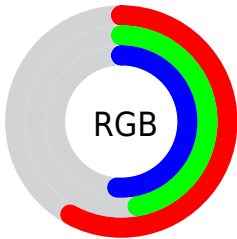
Format	Color
R_{YB}	147, 119, 129
Decimal	9664385
CIE _{Lab}	53.00, 12.61, -1.34
CIE _{LCh}	53, 12.685, 353.928
Yxy	21.0462, 0.3362, 0.3122
Android (android.graphics.Color)	4287854465 (0xFF937781)
YUV	128.5120, 0.2406, 16.2140
Hunter-Lab	45.8761, 7.8787, 1.4837

Details

The CIELCh color $53, 12.685, 353.928$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $59, 12.148, 170.412$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 12.819, 352.901$, and $33, 13.008, 352.911$ is the 20% darker color. If you saturate the color by 10%, you get $49, 19.602, 355.109$, and if you desaturate by 10%, it is $57, 5.920, 352.884$.

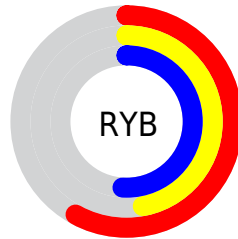
Distribution



Red (58%)

Green (47%)

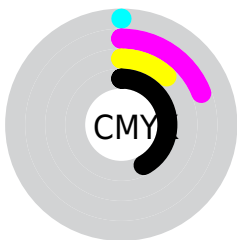
Blue (51%)



Red (58%)

Yellow (47%)

Blue (51%)

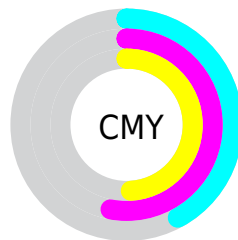


Cyan (0%)

Magenta (19%)

Yellow (12%)

Black (42%)



Cyan (42%)


Magenta (53%)


Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 12.685, 353.928 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, 12.685, 353.928 by changing the saturation by 10% instead.


 53, 12.685,
353.928


 53, 12.685,
353.928


 100, 12.685,
353.928


 43, 12.685,
353.928


 73, 12.685,
353.928

 33, 12.685,
353.928

 83, 12.685,
353.928

 23, 12.685,
353.928

 93, 12.685,
353.928

 13, 12.685,
353.928

 3, 12.685, 353.928

 0, 12.685, 353.928

53, 12.685,
353.928

53, 12.685,
353.928

49, 19.602,
355.109

57, 5.920, 352.884

45, 26.560,
356.481

61, 0.622, 172.636

66, 6.913, 171.301

42, 33.377,
358.117

70, 12.945,
170.554

38, 39.798, 0.113

74, 18.724,
169.888

35, 45.516, 2.597

79, 24.264,
169.282

33, 50.227, 5.727

32, 53.751, 9.663

83, 29.580,
168.726

31, 56.429, 14.278

88, 34.692,
168.214

31, 56.708, 14.716

■ 92, 39.618,
167.738

Harmonies

Complementary

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



53, 12.685, 353.928



59, 12.148, 170.412

Rectangle

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



53, 12.685, 353.928



53, 12.685, 43.928



53, 12.685, 173.928



53, 12.685, 223.928

Sweetspot

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



53, 12.683, 353.932



74, 4.848, 352.583



53, 17.657, 314.367



39, 3.245, 352.644



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, 12.683, 353.932



66, 19.102, 354.435



54, 10.343, 32.338



29, 3.721, 352.902



28, 53.967, 14.355



1, 3.204, 352.126

Inverse Universe

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



53, 12.683, 353.932



66, 19.102, 354.435



58, 9.128, 212.143



29, 3.721, 352.902



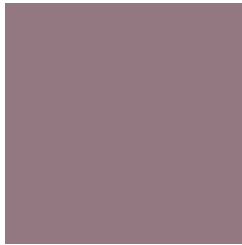
28, 53.967, 14.355



1, 3.204, 352.126

Previews

White Background



This preview shows how the CIELCh color 53, 12.685, 353.928 looks on a white background.

Color Contrast Check

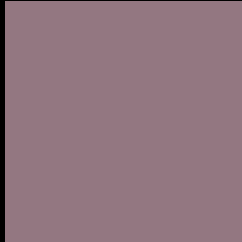
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.685, 353.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

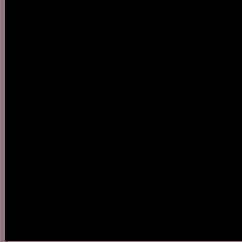
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 12.685, 353.928

Background



This preview shows how black text looks on a background with the CIELCh color 53, 12.685, 353.928.



This preview shows how white text looks on a background with the CIELCh color 53, 12.685, 353.928.

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, 12.685, 353.928

Protanopia

53, 4.079, 296.171

Deuteranopia

53, 6.955, 350.328



Tritanopia
53, 12.685, 353.928

Trichromacy



Original Color
53, 12.685, 353.928

Protanomaly
53, 6.117, 330.936

Deuteranomaly
53, 8.651, 352.595

Tritanomaly
53, 12.685, 353.928

Monochromacy



Original Color
53, 12.685, 353.928

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 4.983, 352.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 12.685, 353.928 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, 119, 129)` looks like.

```
.text, #text, p{  
    color:rgb(147, 119, 129)  
}
```

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, 119, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 119, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 12.685, 353.928 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, 119, 129) }
```

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

```
.border{ border-color:rgb(147, 119, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 119, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 119, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 119, 129);  
box-shadow:4px 4px 4px 4px rgb(147, 119,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 12.685, 353.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 119, 129) }
```

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

```
.background{ background-color: rgb(147,  
119, 129) }
```

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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