

Converting Colors

CIELCh(53, 14.406, 342.456)

Have a look what the booklet for
CIELCh(53, 14.406, 342.456)
contains.

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Color

CIELCh(53, 14.116, 343.316)

Conversions

Conversions Part 1

Format	Color
Hex	937786
RGB	147, 119, 134
RGB Percent	58%, 47%, 53%
CMY	0.4243, 0.5341, 0.4753
CMYK	0.00, 0.19, 0.09, 0.42
HSL	328°, 11%, 52%
HSV	328°, 19%, 58%
XYZ	22.8581, 21.0462, 25.3383
YIQ	129.0820, 11.8730, 10.6010

Conversions

Conversions Part 2

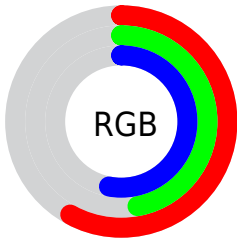
Format	Color
R_{YB}	147, 119, 134
Decimal	9664390
CIE _{Lab}	53.00, 13.52, -4.05
CIE _{LCh}	53, 14.116, 343.316
Yxy	21.0462, 0.3301, 0.3039
Android (android.graphics.Color)	4287854470 (0xFF937786)
YUV	129.0820, 2.4246, 15.7141
Hunter-Lab	45.8761, 8.6556, -0.6338

Details

The CIELCh color $53, 14.116, 343.316$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 13.841, 160.217$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 14.205, 343.105$, and $33, 14.232, 343.810$ is the 20% darker color. If you saturate the color by 10%, you get $49, 21.637, 344.272$, and if you desaturate by 10%, it is $57, 6.648, 342.440$.

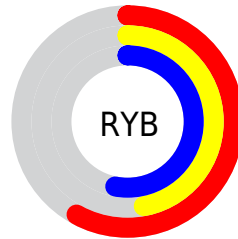
Distribution



Red (58%)

Green (47%)

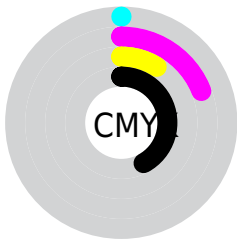
Blue (53%)



Red (58%)

Yellow (47%)

Blue (53%)

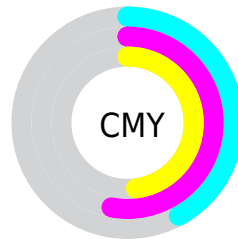


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (42%)



Cyan (42%)


Magenta (53%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 14.116, 343.316 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, 14.116, 343.316 by changing the saturation by 10% instead.


 53, 14.116,
343.316


 53, 14.116,
343.316


 100, 14.116,
343.316


 43, 14.116,
343.316


 73, 14.116,
343.316


 33, 14.116,
343.316

 83, 14.116,
343.316

 23, 14.116,
343.316

 93, 14.116,
343.316

 13, 14.116,
343.316

 3, 14.116, 343.316

 0, 14.116, 343.316

53, 14.116,
343.316

53, 14.116,
343.316

49, 21.637,
344.272

57, 6.648, 342.440

45, 29.069,
345.338

61, 0.669, 162.176

65, 7.785, 161.034

42, 36.192,
346.558

70, 14.676,
160.355

39, 42.709,
347.984

74, 21.334,
159.735

36, 48.266,
349.697

78, 27.764,
159.162

34, 52.506,
351.803


83, 33.976,
158.628


32, 55.177,
354.435

87, 39.983,
158.130

31, 56.582,

357.588

 91, 45.801,
157.665

 31, 56.716,
357.883

Harmonies

Complementary

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



53, 14.116, 343.316



58, 13.841, 160.217

Rectangle

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



53, 14.116, 343.316



53, 14.116, 33.316



53, 14.116, 163.316



53, 14.116, 213.316

Sweetspot

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



53, 14.114, 343.318



74, 5.441, 342.181



52, 17.032, 308.218



39, 3.640, 342.232



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, 14.114, 343.318



66, 21.190, 343.727



53, 11.620, 16.752



29, 4.168, 342.452



29, 54.178, 357.643



1, 3.609, 341.773

Inverse Universe

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



53, 14.114, 343.318



66, 21.190, 343.727



59, 10.413, 194.060



29, 4.168, 342.452



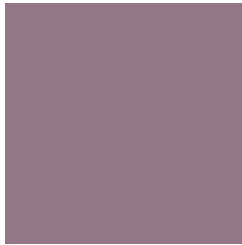
29, 54.178, 357.643



1, 3.609, 341.773

Previews

White Background



This preview shows how the CIELCh color 53, 14.116, 343.316 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, 14.116, 343.316 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, 14.116, 343.316

Background



This preview shows how black text looks on a background with the CIELCh color 53, 14.116, 343.316.



This preview shows how white text looks on a background with the CIELCh color 53, 14.116, 343.316.

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, 14.116, 343.316

Protanopia

53, 6.946, 291.043

Deuteranopia

53, 7.770, 332.186



Tritanopia
53, 11.705, 354.520

Trichromacy



Original Color
53, 14.116, 343.316

Protanomaly
53, 8.711, 320.577

Deuteranomaly
53, 10.274, 338.139

Tritanomaly
53, 12.213, 349.607

Monochromacy



Original Color
53, 14.116, 343.316

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 5.295, 339.116

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 53, 14.116, 343.316 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(147, 119, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 119, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 14.116, 343.316 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, 134) }
```

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

```
.border{ border-color:rgb(147, 119, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 119, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 119, 134);  
box-shadow:4px 4px 4px 4px rgb(147, 119,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 14.116, 343.316 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, 134) }
```

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

```
.background{ background-color: rgb(147,  
119, 134) }
```

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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