

Converting Colors

CIELCh(53, 15.256, 336.430)

Have a look what the booklet for
CIELCh(53, 15.256, 336.430)
contains.

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Color

CIELCh(53, 14.897, 336.952)

Conversions

Conversions Part 1

Format	Color
Hex	927789
RGB	146, 119, 137
RGB Percent	57%, 47%, 54%
CMY	0.4282, 0.5340, 0.4635
CMYK	0.00, 0.19, 0.06, 0.43
HSL	320°, 11%, 52%
HSV	320°, 19%, 57%
XYZ	22.8991, 21.0462, 26.4539
YIQ	129.1250, 10.3140, 11.3220

Conversions

Conversions Part 2

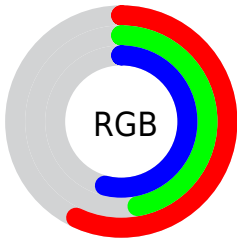
Format	Color
R_{YB}	146, 119, 137
Decimal	9598857
CIE _{Lab}	53.00, 13.71, -5.83
CIE _{LCh}	53, 14.897, 336.952
Yxy	21.0462, 0.3253, 0.2990
Android (android.graphics.Color)	4287788937 (0xFF927789)
YUV	129.1250, 3.8824, 14.7994
Hunter-Lab	45.8761, 8.8154, -2.0756

Details

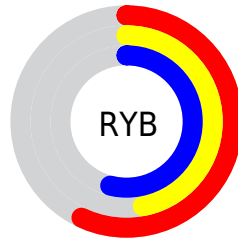
The CIELCh color $53, 14.897, 336.952$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 14.757, 154.306$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 14.942, 337.181$, and $33, 15.068, 336.878$ is the 20% darker color. If you saturate the color by 10%, you get $49, 23.007, 337.737$, and if you desaturate by 10%, it is $57, 6.801, 336.207$.

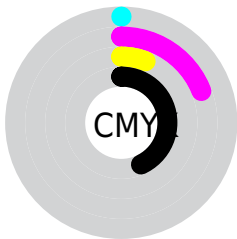
Distribution



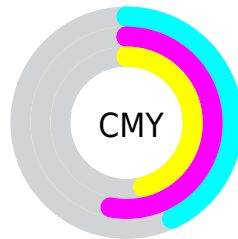
- Red (57%)
- Green (47%)
- Blue (54%)



- Red (57%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (43%)





- Cyan (43%)
- Magenta (53%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 14.897, 336.952 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, 14.897, 336.952 by changing the saturation by 10% instead.


 53, 14.897,
336.952


 53, 14.897,
336.952


 100, 14.897,
336.952


 43, 14.897,
336.952


 73, 14.897,
336.952

 33, 14.897,
336.952

 83, 14.897,
336.952

 23, 14.897,
336.952

 93, 14.897,
336.952

 13, 14.897,
336.952

 3, 14.897, 336.952

 0, 14.897, 336.952

53, 14.897,
336.952

53, 14.897,
336.952

49, 23.007,
337.737

57, 6.801, 336.207

45, 30.973,
338.581

61, 1.171, 155.806

42, 38.562,
339.502

65, 8.958, 154.964

39, 45.465,
340.528

69, 16.529,
154.352

36, 51.314,
341.696

74, 23.868,
153.785

34, 55.737,
343.064

78, 30.977,
153.254


33, 58.457,
344.707


82, 37.861,
152.756

32, 59.685,

86, 44.532,
152.287

346.645

 91, 51.004,
151.847

 32, 59.855,
346.937

Harmonies

Complementary

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



53, 14.897, 336.952



58, 14.757, 154.306

Rectangle

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



53, 14.897, 336.952



53, 14.897, 26.952



53, 14.897, 156.952



53, 14.897, 206.952

Sweetspot

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



53, 14.895, 336.953



73, 5.906, 336.025



52, 16.143, 304.113



38, 3.906, 336.068



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 14.895, 336.953



66, 21.883, 337.256



53, 11.361, 7.561



29, 4.570, 336.259



30, 57.468, 346.807



1, 3.966, 335.663

Inverse Universe

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



53, 14.895, 336.953



66, 21.883, 337.256



58, 10.492, 184.292



29, 4.570, 336.259



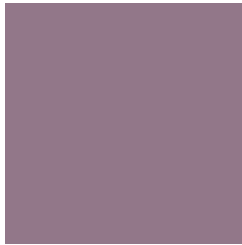
30, 57.468, 346.807



1, 3.966, 335.663

Previews

White Background



This preview shows how the CIELCh color 53, 14.897, 336.952 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, 14.897, 336.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

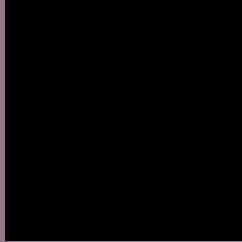
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 14.897, 336.952

Background



This preview shows how black text looks on a background with the CIELCh color 53, 14.897, 336.952.



This preview shows how white text looks on a background with the CIELCh color 53, 14.897, 336.952.

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, 14.897, 336.952

Protanopia

53, 8.683, 288.758

Deuteranopia

53, 8.912, 322.798



Tritanopia
53, 11.340, 353.542

Trichromacy



Original Color
53, 14.897, 336.952

Protanomaly
53, 10.091, 313.766

Deuteranomaly
53, 11.237, 330.132

Tritanomaly
53, 12.167, 346.198

Monochromacy



Original Color
53, 14.897, 336.952

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 5.687, 334.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 14.897, 336.952 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(146, 119, 137)` looks like.

```
.text, #text, p{  
    color:rgb(146, 119, 137)  
}
```

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(146, 119, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 119, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 14.897, 336.952 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(146, 119, 137) }
```

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

```
.border{ border-color:rgb(146, 119, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 119, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 119, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 119, 137); box-shadow:4px 4px 4px 4px rgb(146, 119, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 14.897, 336.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 119, 137) }
```

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

```
.background{ background-color: rgb(146,  
119, 137) }
```

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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