

Converting Colors

CIELCh(53, 17.392, 347.293)

Have a look what the booklet for
CIELCh(53, 17.392, 347.293)
contains.

CIELCh(53, 17.369, 347.279)	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, 17.369, 347.279)

Conversions

Conversions Part 1

Format	Color
Hex	997586
RGB	153, 117, 134
RGB Percent	60%, 46%, 53%
CMY	0.4019, 0.5430, 0.4764
CMYK	0.00, 0.24, 0.12, 0.40
HSL	332°, 15%, 53%
HSV	332°, 24%, 60%
XYZ	23.6209, 21.0462, 25.1977
YIQ	129.7020, 15.9990, 12.9190

Conversions

Conversions Part 2

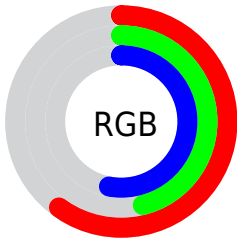
Format	Color
R_{YB}	153, 117, 134
Decimal	10057094
CIE Lab	53.00, 16.94, -3.82
CIE LCh	53, 17.369, 347.279
Yxy	21.0462, 0.3381, 0.3012
Android (android.graphics.Color)	4288247174 (0xFF997586)
YUV	129.7020, 2.1189, 20.4323
Hunter-Lab	45.8761, 11.6235, -0.4521

Details

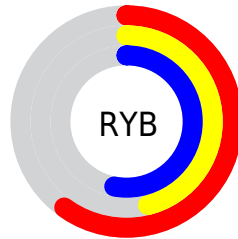
The CIELCh color $53, 17.369, 347.279$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 16.807, 163.089$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 17.589, 347.458$, and $33, 17.362, 347.382$ is the 20% darker color. If you saturate the color by 10%, you get $49, 24.862, 348.383$, and if you desaturate by 10%, it is $57, 9.904, 346.298$.

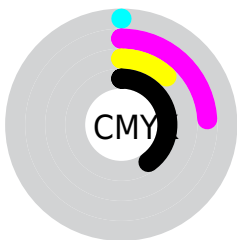
Distribution



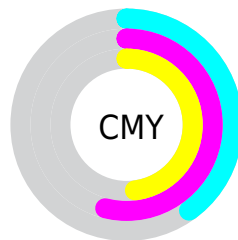
- Red (60%)
- Green (46%)
- Blue (53%)



- Red (60%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (12%)
- Black (40%)





- Cyan (40%)
- Magenta (54%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 17.369, 347.279 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, 17.369, 347.279 by changing the saturation by 10% instead.


 53, 17.369,
347.279


 53, 17.369,
347.279


 100, 17.369,
347.279


 43, 17.369,
347.279


 73, 17.369,
347.279

 33, 17.369,
347.279

 83, 17.369,
347.279

 23, 17.369,
347.279

 93, 17.369,
347.279

 13, 17.369,
347.279

 3, 17.369, 347.279

 0, 17.369, 347.279

53, 17.369,
347.279

53, 17.369,
347.279

49, 24.862,
348.383

57, 9.904, 346.298

45, 32.216,
349.650

61, 2.583, 345.333

66, 4.532, 164.754

42, 39.176,
351.139

70, 11.410,
163.991

39, 45.416,
352.935

75, 18.044,
163.320

36, 50.570,
355.151

79, 24.435,
162.706


34, 54.320,
357.933

84, 30.595,
162.139

33, 56.535, 1.440

88, 36.538,
161.613

32, 57.597, 3.908

 93, 42.281,
161.123

Harmonies

Complementary

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



53, 17.369, 347.279



60, 16.807, 163.089

Rectangle

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



53, 17.369, 347.279



53, 17.369, 37.279



53, 17.369, 167.279



53, 17.369, 217.279

Sweetspot

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



53, 17.367, 347.281



76, 6.285, 345.697



52, 22.126, 310.718



40, 4.076, 345.745



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, 17.367, 347.281



66, 25.684, 347.812



53, 14.885, 22.403



30, 4.108, 345.892



29, 54.200, 3.544



1, 4.366, 345.613

Inverse Universe

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



53, 17.367, 347.281



66, 25.684, 347.812



60, 12.754, 199.799



30, 4.108, 345.892



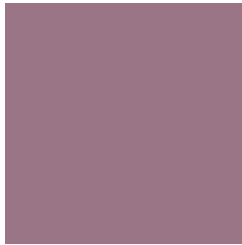
29, 54.200, 3.544



1, 4.366, 345.613

Previews

White Background



This preview shows how the CIELCh color 53, 17.369, 347.279 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, 17.369, 347.279 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, 17.369, 347.279

Background



This preview shows how black text looks on a background with the CIELCh color 53, 17.369, 347.279.



This preview shows how white text looks on a background with the CIELCh color 53, 17.369, 347.279.

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, 17.369, 347.279

Protanopia
53, 7.528, 288.216

Deuteranopia
53, 7.640, 337.372



Tritanopia
53, 14.770, 0.714

Trichromacy



Original Color
53, 17.369, 347.279

Protanomaly
53, 9.404, 320.932

Deuteranomaly
53, 11.184, 342.478

Tritanomaly
53, 15.740, 355.340

Monochromacy



Original Color
53, 17.369, 347.279

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 6.911, 344.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 17.369, 347.279 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(153, 117, 134)` looks like.

```
.text, #text, p{  
    color:rgb(153, 117, 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(153, 117, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 117, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 17.369, 347.279 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(153, 117, 134) }
```

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

```
.border{ border-color:rgb(153, 117, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 117, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 117, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 117, 134);  
box-shadow:4px 4px 4px 4px rgb(153, 117,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 17.369, 347.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 117, 134) }
```

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

```
.background{ background-color: rgb(153,  
117, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor