

Converting Colors

CIELCh(53, 7.670, 345.329)

Have a look what the booklet for
CIELCh(53, 7.670, 345.329) contains.

CIELCh(53, 7.911, 344.558)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 7.911, 344.558)

Conversions

Conversions Part 1

Format	Color
Hex	8A7A82
RGB	138, 122, 130
RGB Percent	54%, 48%, 51%
CMY	0.4576, 0.5203, 0.4890
CMYK	0.00, 0.12, 0.06, 0.46
HSL	330°, 6%, 51%
HSV	330°, 12%, 54%
XYZ	21.5822, 21.0462, 24.1546
YIQ	127.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

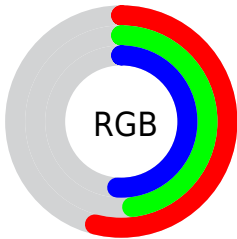
Format	Color
R_{YB}	138, 122, 130
Decimal	9075330
CIE Lab	53.00, 7.63, -2.11
CIE LCh	53, 7.911, 344.558
Yxy	21.0462, 0.3232, 0.3151
Android (android.graphics.Color)	4287265410 (0xFF8A7A82)
YUV	127.6960, 1.1359, 9.0366
Hunter-Lab	45.8761, 3.6912, 0.8960

Details

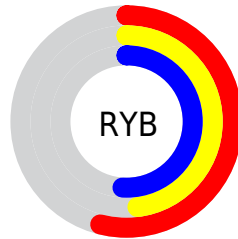
The CIELCh color **53, 7.911, 344.558** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **56, 7.794, 162.752**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 8.054, 342.769**, and **33, 8.251, 343.177** is the 20% darker color. If you saturate the color by 10%, you get **49, 14.890, 345.488**, and if you desaturate by 10%, it is **57, 1.064, 343.490**.

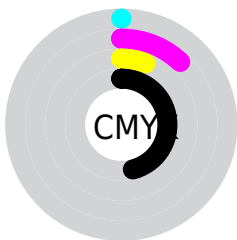
Distribution



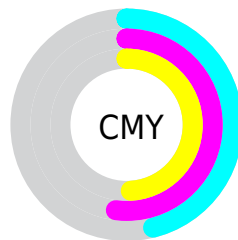
- Red (54%)
- Green (48%)
- Blue (51%)



- Red (54%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (46%)



- Cyan (46%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 7.911, 344.558 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, 7.911, 344.558 by changing the saturation by 10% instead.

■ 53, 7.911, 344.558

■ 53, 7.911, 344.558

■ 100, 7.911,
344.558

■ 43, 7.911, 344.558

■ 73, 7.911, 344.558

■ 33, 7.911, 344.558

■ 83, 7.911, 344.558

■ 23, 7.911, 344.558

■ 93, 7.911, 344.558

■ 13, 7.911, 344.558

■ 3, 7.911, 344.558

■ 0, 7.911, 344.558

■ 53, 7.911, 344.558

■ 53, 7.911, 344.558

■ 49, 14.890,
345.488

■ 57, 1.064, 343.490

■ 61, 5.592, 163.088

45, 21.914,
346.511

65, 12.033,
162.371

42, 28.831,
347.671

69, 18.253,
161.727

39, 35.426,
349.017

73, 24.253,
161.135

36, 41.411,
350.615

77, 30.044,
160.585

33, 46.453,
352.561

82, 35.638,
160.074

31, 50.232,
354.979

86, 41.050,
159.596

30, 52.561,
358.018

90, 46.294,
159.150

29, 53.881, 0.915

Harmonies

Complementary

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



53, 7.911, 344.558



56, 7.794, 162.752

Rectangle

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



53, 7.911, 344.558



53, 7.911, 34.558



53, 7.911, 164.558



53, 7.911, 214.558

Sweetspot

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



53, 7.909, 344.562



72, 2.531, 343.750



53, 9.832, 309.564



38, 1.935, 343.839



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



53, 7.909, 344.562



67, 11.957, 344.809



53, 6.540, 20.070



27, 3.832, 344.346



28, 52.277, 0.732



0, 1.759, 343.653

Inverse Universe

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



53, 7.909, 344.562



67, 11.957, 344.809



56, 6.092, 198.868



27, 3.832, 344.346



28, 52.277, 0.732



0, 1.759, 343.653

Previews

White Background



This preview shows how the CIE LCh color 53, 7.911, 344.558 looks on a white background.

Color Contrast Check

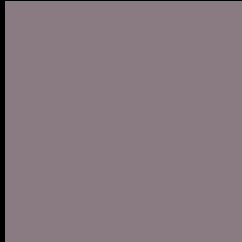
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.911, 344.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

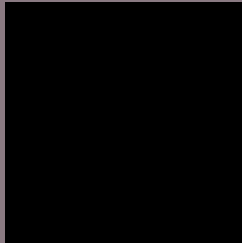
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 7.911, 344.558

Background



This preview shows how black text looks on a background with the CIELCh color 53, 7.911, 344.558.



This preview shows how white text looks on a background with the CIELCh color 53, 7.911, 344.558.

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, 7.911, 344.558

Protanopia

53, 3.504, 297.025

Deuteranopia

53, 6.920, 344.434



Tritanopia
53, 8.920, 340.069

Trichromacy



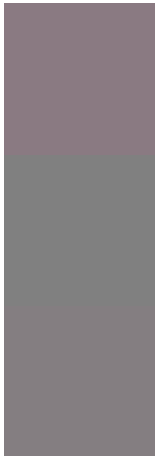
Original Color
53, 7.911, 344.558

Protanomaly
53, 4.229, 324.638

Deuteranomaly
53, 6.920, 344.434

Tritanomaly
53, 8.567, 343.037

Monochromacy



Original Color
53, 7.911, 344.558

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 2.967, 343.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 7.911, 344.558 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(138, 122, 130)` looks like.

```
.text, #text, p{  
    color:rgb(138, 122, 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(138, 122, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 122, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 7.911, 344.558 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(138, 122, 130) }
```

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

```
.border{ border-color:rgb(138, 122, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 122, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 122, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 122, 130);  
box-shadow:4px 4px 4px 4px rgb(138, 122,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 7.911, 344.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 122, 130) }
```

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

```
.background{ background-color: rgb(138,  
122, 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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