

Converting Colors

CIELCh(53, 35.753, 323.761)

Have a look what the booklet for
CIELCh(53, 35.753, 323.761)
contains.

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Color

CIELCh(53, 35.361, 323.972)

Conversions

Conversions Part 1

Format	Color
Hex	9F6EA3
RGB	159, 110, 163
RGB Percent	62%, 43%, 64%
CMY	0.3779, 0.5699, 0.3622
CMYK	0.02, 0.33, 0.00, 0.36
HSL	295°, 22%, 53%
HSV	295°, 33%, 64%
XYZ	26.3467, 21.0462, 37.1585
YIQ	130.6930, 12.1910, 26.8710

Conversions

Conversions Part 2

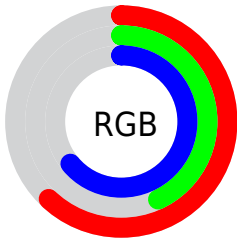
Format	Color
R_{YB}	159, 110, 163
Decimal	10448547
CIE _{Lab}	53.00, 28.60, -20.80
CIE _{LCh}	53, 35.361, 323.972
Yxy	21.0462, 0.3116, 0.2489
Android (android.graphics.Color)	4288638627 (0xFF9F6EA3)
YUV	130.6930, 15.9274, 24.8252
Hunter-Lab	45.8761, 22.2295, -15.9101

Details

The CIELCh color **53, 35.361, 323.972** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **62, 35.205, 140.370**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 35.468, 323.791**, and **33, 35.442, 324.322** is the 20% darker color. If you saturate the color by 10%, you get **49, 45.889, 324.418**, and if you desaturate by 10%, it is **57, 24.518, 323.494**.

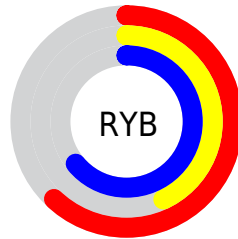
Distribution



Red (62%)

Green (43%)

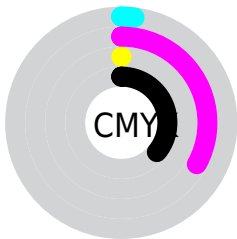
Blue (64%)



Red (62%)

Yellow (43%)

Blue (64%)

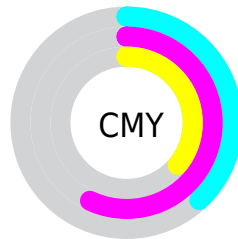


Cyan (2%)

Magenta (33%)

Yellow (0%)

Black (36%)



Cyan (38%)


Magenta (57%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 35.361, 323.972 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, 35.361, 323.972 by changing the saturation by 10% instead.


 53, 35.361,
323.972


 53, 35.361,
323.972


 100, 35.361,
323.972


 43, 35.361,
323.972


 73, 35.361,
323.972

 33, 35.361,
323.972

 83, 35.361,
323.972

 23, 35.361,
323.972

 93, 35.361,
323.972

 13, 35.361,
323.972

 3, 35.361, 323.972

 0, 35.361, 323.972

53, 35.361,
323.972

53, 35.361,
323.972

49, 45.889,
324.418

57, 24.518,
323.494

46, 55.791,
324.812

61, 13.600,
322.997

43, 64.672,
325.131

66, 2.766, 322.448

40, 72.101,
325.349

70, 7.877, 142.069

38, 77.692,
325.445

75, 18.267,
141.591


37, 81.222,
325.404

79, 28.370,
141.145

36, 82.924,
325.313

84, 38.171,
140.727

89, 47.670,
140.336

 93, 56.270,
139.974

Harmonies

Complementary

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



53, 35.361, 323.972



62, 35.205, 140.370

Rectangle

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



53, 35.361, 323.972



53, 35.361, 13.972



53, 35.361, 143.972



53, 35.361, 193.972

Sweetspot

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



53, 35.359, 323.972



79, 13.384, 322.876



49, 28.488, 290.826



42, 9.212, 322.944



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



53, 35.359, 323.972



65, 52.235, 324.296



53, 27.186, 342.132



32, 6.123, 322.830



32, 76.358, 325.340



1, 9.405, 321.751

Inverse Universe

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



52, 22.558, 16.398



63, 34.152, 17.494



63, 26.525, 156.573



32, 3.642, 13.791



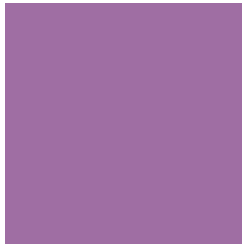
30, 65.478, 36.165



1, 5.498, 13.728

Previews

White Background



This preview shows how the CIELCh color 53, 35.361, 323.972 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, 35.361, 323.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

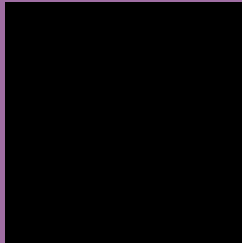
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 35.361, 323.972

Background



This preview shows how black text looks on a background with the CIELCh color 53, 35.361, 323.972.



This preview shows how white text looks on a background with the CIELCh color 53, 35.361, 323.972.

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, 35.361, 323.972

Protanopia

53, 28.504, 285.044

Deuteranopia

53, 20.848, 290.787



Tritanopia
53, 15.966, 2.484

Trichromacy



Original Color
53, 35.361, 323.972

Protanomaly
53, 29.878, 300.307

Deuteranomaly
53, 25.133, 306.266

Tritanomaly
53, 21.877, 340.991

Monochromacy



Original Color
53, 35.361, 323.972

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 12.847, 322.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 35.361, 323.972 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(159, 110, 163)` looks like.

```
.text, #text, p{  
    color:rgb(159, 110, 163)  
}
```

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(159, 110, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 110, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 35.361, 323.972 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(159, 110, 163) }
```

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

```
.border{ border-color:rgb(159, 110, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 110, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 110, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 110, 163);  
box-shadow:4px 4px 4px 4px rgb(159, 110,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 35.361, 323.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 110, 163) }
```

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

```
.background{ background-color: rgb(159,  
110, 163) }
```

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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