

Converting Colors

CIELCh(53, 26.253, 323.400)

Have a look what the booklet for
CIELCh(53, 26.253, 323.400)
contains.

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Color

CIELCh(53, 26.128, 322.832)

Conversions

Conversions Part 1

Format	Color
Hex	96739A
RGB	150, 115, 154
RGB Percent	59%, 45%, 60%
CMY	0.4121, 0.5494, 0.3964
CMYK	0.03, 0.25, 0.00, 0.40
HSL	294°, 16%, 53%
HSV	294°, 25%, 60%
XYZ	24.5058, 21.0462, 33.3016
YIQ	129.9110, 8.3410, 19.5490

Conversions

Conversions Part 2

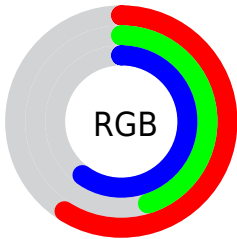
Format	Color
R_{YB}	150, 115, 154
Decimal	9859994
CIE _{Lab}	53.00, 20.82, -15.79
CIE _{LCh}	53, 26.128, 322.832
Yxy	21.0462, 0.3108, 0.2669
Android (android.graphics.Color)	4288050074 (0xFF96739A)
YUV	129.9110, 11.8759, 17.6181
Hunter-Lab	45.8761, 15.0669, -10.9255

Details

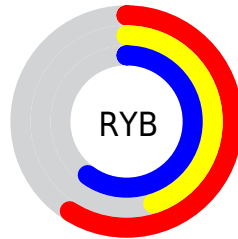
The CIELCh color $53, 26.128, 322.832$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 25.983, 140.214$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 26.158, 323.439$, and $33, 26.589, 323.086$ is the 20% darker color. If you saturate the color by 10%, you get $49, 36.393, 323.289$, and if you desaturate by 10%, it is $57, 15.757, 322.355$.

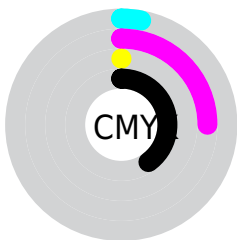
Distribution



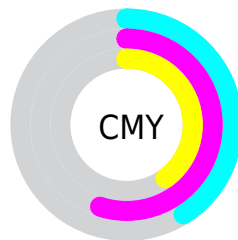
- Red (59%)
- Green (45%)
- Blue (60%)



- Red (59%)
- Yellow (45%)
- Blue (60%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (40%)





- Cyan (41%)
- Magenta (55%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 26.128, 322.832 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, 26.128, 322.832 by changing the saturation by 10% instead.


 53, 26.128,
322.832


 53, 26.128,
322.832


 100, 26.128,
322.832


 43, 26.128,
322.832


 73, 26.128,
322.832

 33, 26.128,
322.832

 83, 26.128,
322.832

 23, 26.128,
322.832

 93, 26.128,
322.832

 13, 26.128,
322.832

 3, 26.128, 322.832

 0, 26.128, 322.832

53, 26.128,
322.832

53, 26.128,
322.832

49, 36.393,
323.289

57, 15.757,
322.355

45, 46.324,
323.708

61, 5.446, 321.858

42, 55.605,
324.069

66, 4.700, 141.468

39, 63.853,
324.343

70, 14.617,
140.990

37, 70.652,
324.503

74, 24.270,
140.555

35, 75.641,
324.523

79, 33.642,
140.148


34, 78.677,
324.392

83, 42.731,
139.769

33, 79.812,

88, 51.542,
139.416

324.312

 92, 60.084,
139.089

Harmonies

Complementary

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



53, 26.128, 322.832



60, 25.983, 140.214

Rectangle

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



53, 26.128, 322.832



53, 26.128, 12.832



53, 26.128, 142.832



53, 26.128, 192.832

Sweetspot

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



53, 26.126, 322.832



76, 10.083, 322.003



51, 20.116, 288.135



39, 7.154, 322.073



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, 26.126, 322.832



65, 38.129, 323.075



53, 20.646, 339.804



30, 5.756, 322.056



30, 74.570, 324.343



1, 6.161, 321.337

Inverse Universe

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



52, 16.412, 13.341



64, 24.317, 14.021



60, 20.311, 155.817



30, 3.465, 11.617



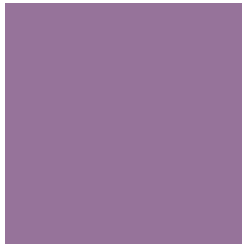
28, 62.689, 34.636



1, 3.641, 11.076

Previews

White Background



This preview shows how the CIELCh color 53, 26.128, 322.832 looks on a white background.

Color Contrast Check

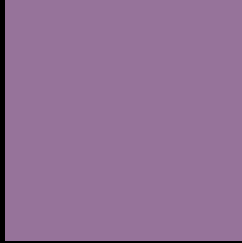
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.128, 322.832 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, 26.128, 322.832

Background



This preview shows how black text looks on a background with the CIELCh color 53, 26.128, 322.832.



This preview shows how white text looks on a background with the CIELCh color 53, 26.128, 322.832.

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, 26.128, 322.832

Protanopia

53, 20.912, 286.042

Deuteranopia

53, 16.282, 296.021



Tritanopia
53, 11.705, 354.520

Trichromacy



Original Color
53, 26.128, 322.832

Protanomaly
53, 21.779, 301.313

Deuteranomaly
53, 19.338, 307.891

Tritanomaly
53, 16.249, 336.054

Monochromacy



Original Color
53, 26.128, 322.832

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 9.378, 320.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 26.128, 322.832 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(150, 115, 154)` looks like.

```
.text, #text, p{  
    color:rgb(150, 115, 154)  
}
```

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(150, 115, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 115, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 26.128, 322.832 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(150, 115, 154) }
```

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

```
.border{ border-color:rgb(150, 115, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 115, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 115, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 115, 154);  
box-shadow:4px 4px 4px 4px rgb(150, 115,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 26.128, 322.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 115, 154) }
```

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

```
.background{ background-color: rgb(150,  
115, 154) }
```

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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