

Converting Colors

CIELCh(53, 24.807, 322.621)

Have a look what the booklet for
CIELCh(53, 24.807, 322.621)
contains.

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Color

CIELCh(53, 24.776, 322.615)

Conversions

Conversions Part 1

Format	Color
Hex	957499
RGB	149, 116, 153
RGB Percent	58%, 45%, 60%
CMY	0.4172, 0.5465, 0.4015
CMYK	0.03, 0.24, 0.00, 0.40
HSL	294°, 15%, 53%
HSV	294°, 24%, 60%
XYZ	24.2448, 21.0462, 32.7544
YIQ	130.0850, 7.7910, 18.5030

Conversions

Conversions Part 2

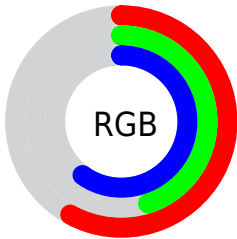
Format	Color
R_{YB}	149, 116, 153
Decimal	9794713
CIE _{Lab}	53.00, 19.69, -15.04
CIE _{LCh}	53, 24.776, 322.615
Yxy	21.0462, 0.3106, 0.2697
Android (android.graphics.Color)	4287984793 (0xFF957499)
YUV	130.0850, 11.2971, 16.5885
Hunter-Lab	45.8761, 14.0510, -10.2182

Details

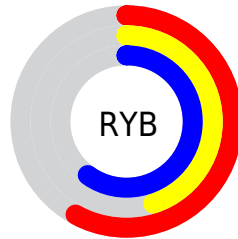
The CIELCh color $53, 24.776, 322.615$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 24.635, 140.142$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 24.691, 322.544$, and $33, 25.170, 322.832$ is the 20% darker color. If you saturate the color by 10%, you get $49, 34.983, 323.072$, and if you desaturate by 10%, it is $57, 14.489, 322.140$.

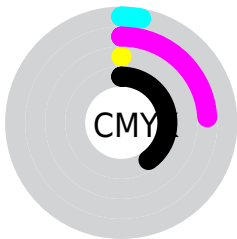
Distribution



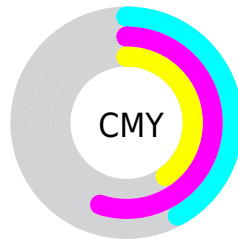
- Red (58%)
- Green (45%)
- Blue (60%)



- Red (58%)
- Yellow (45%)
- Blue (60%)



- Cyan (3%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)





- Cyan (42%)
- Magenta (55%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 24.776, 322.615 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, 24.776, 322.615 by changing the saturation by 10% instead.


 53, 24.776,
322.615


 53, 24.776,
322.615


 100, 24.776,
322.615


 43, 24.776,
322.615


 73, 24.776,
322.615

 33, 24.776,
322.615

 83, 24.776,
322.615

 23, 24.776,
322.615

 93, 24.776,
322.615

 13, 24.776,
322.615

 3, 24.776, 322.615

 0, 24.776, 322.615

53, 24.776,
322.615

53, 24.776,
322.615

49, 34.983,
323.072

57, 14.489,
322.140

45, 44.894,
323.494

61, 4.279, 321.637

42, 54.208,
323.859

66, 5.757, 141.253

39, 62.551,
324.141

70, 15.561,
140.788

37, 69.509,
324.310

74, 25.100,
140.360

35, 74.709,
324.340

79, 34.361,
139.960


34, 77.947,
324.213

83, 43.343,
139.587

33, 79.362,

87, 52.049,
139.241

324.108

 92, 60.492,
138.921

Harmonies

Complementary

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



53, 24.776, 322.615



60, 24.635, 140.142

Rectangle

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



53, 24.776, 322.615



53, 24.776, 12.615



53, 24.776, 142.615



53, 24.776, 192.615

Sweetspot

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



53, 24.774, 322.615



77, 8.802, 321.792



51, 19.069, 287.968



40, 5.706, 321.818



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, 24.774, 322.615



65, 36.810, 322.863



53, 19.603, 339.708



30, 5.747, 321.896



30, 74.610, 324.137



1, 6.150, 321.168

Inverse Universe

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



52, 15.543, 12.770



64, 23.443, 13.452



60, 19.297, 155.923



30, 3.469, 11.171



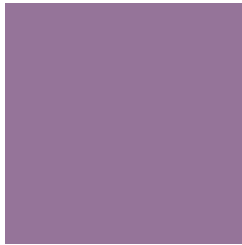
28, 62.472, 34.321



1, 3.646, 10.631

Previews

White Background



This preview shows how the CIELCh color 53, 24.776, 322.615 looks on a white background.

Color Contrast Check

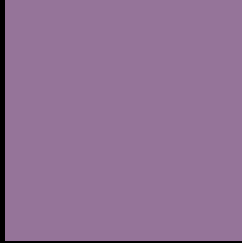
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.776, 322.615 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, 24.776, 322.615

Background



This preview shows how black text looks on a background with the CIELCh color 53, 24.776, 322.615.



This preview shows how white text looks on a background with the CIELCh color 53, 24.776, 322.615.

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, 24.776, 322.615

Protanopia

53, 19.770, 285.469

Deuteranopia

53, 15.706, 296.108



Tritanopia
53, 11.340, 353.542

Trichromacy



Original Color
53, 24.776, 322.615

Protanomaly
53, 20.507, 299.699

Deuteranomaly
53, 18.786, 308.347

Tritanomaly
53, 15.977, 334.986

Monochromacy



Original Color
53, 24.776, 322.615

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 8.888, 322.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 24.776, 322.615 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(149, 116, 153)` looks like.

```
.text, #text, p{  
    color:rgb(149, 116, 153)  
}
```

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(149, 116, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 116, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 24.776, 322.615 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(149, 116, 153) }
```

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

```
.border{ border-color:rgb(149, 116, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 116, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 116, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 116, 153);  
box-shadow:4px 4px 4px 4px rgb(149, 116,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 24.776, 322.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 116, 153) }
```

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

```
.background{ background-color: rgb(149,  
116, 153) }
```

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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