

Converting Colors

CIELCh(52, 43.526, 322.303)

Have a look what the booklet for
CIELCh(52, 43.526, 322.303)
contains.

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Color

CIELCh(52, 43.614, 322.520)

Conversions

Conversions Part 1

Format	Color
Hex	A167AA
RGB	161, 103, 170
RGB Percent	63%, 40%, 67%
CMY	0.3690, 0.5965, 0.3338
CMYK	0.05, 0.39, 0.00, 0.33
HSL	292°, 28%, 53%
HSV	292°, 39%, 67%
XYZ	26.7617, 20.1443, 40.4542
YIQ	127.9800, 13.0610, 33.1330

Conversions

Conversions Part 2

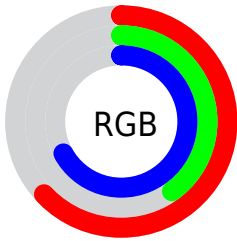
Format	Color
R _{YB}	161, 103, 170
Decimal	10577834
CIE _{Lab}	52.00, 34.61, -26.54
CIE _{LCh}	52, 43.614, 322.520
Y _{xy}	20.1443, 0.3063, 0.2306
Android (android.graphics.Color)	4288767914 (0xFFA167AA)
YUV	127.9800, 20.7159, 28.9585
Hunter-Lab	44.8824, 27.8885, -22.0226

Details

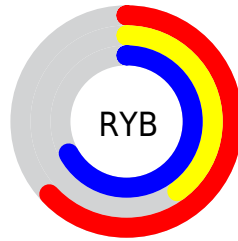
The CIELCh color $52, 43.614, 322.520$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 43.189, 138.370$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 44.023, 322.430$, and $32, 43.713, 322.334$ is the 20% darker color. If you saturate the color by 10%, you get $48, 54.118, 322.906$, and if you desaturate by 10%, it is $56, 32.644, 322.086$.

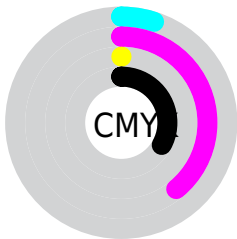
Distribution



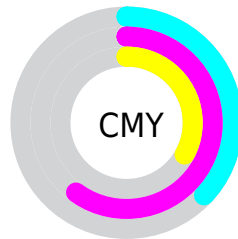
- Red (63%)
- Green (40%)
- Blue (67%)



- Red (63%)
- Yellow (40%)
- Blue (67%)



- Cyan (5%)
- Magenta (39%)
- Yellow (0%)
- Black (33%)





- Cyan (37%)
- Magenta (60%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 43.614, 322.520 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 52, 43.614, 322.520 by changing the saturation by 10% instead.


 52, 43.614,
322.520


 52, 43.614,
322.520


 100, 43.614,
322.520


 42, 43.614,
322.520


 72, 43.614,
322.520

 32, 43.614,
322.520

 82, 43.614,
322.520

 22, 43.614,
322.520

 92, 43.614,
322.520

 12, 43.614,
322.520

 2, 43.614, 322.520

 0, 43.614, 322.520

52, 43.614,
322.520

52, 43.614,
322.520

48, 54.118,
322.906

56, 32.644,
322.086

45, 63.786,
323.217

61, 21.496,
321.626

42, 72.165,
323.420

65, 10.367,
321.152

39, 78.795,
323.482

70, 0.611, 141.039

37, 83.325,
323.376

75, 11.359,
140.286

36, 85.985,
323.117

79, 21.831,
139.855

36, 86.126,
323.103

84, 32.005,
139.453

89, 41.876,
139.079

■ 94, 50.979,
138.716

Harmonies

Complementary

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



52, 43.614, 322.520



64, 43.189, 138.370

Rectangle

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



52, 43.614, 322.520



52, 43.614, 12.520



52, 43.614, 142.520



52, 43.614, 192.520

Sweetspot

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



52, 43.612, 322.520



81, 16.423, 321.286



49, 33.481, 288.957



43, 10.990, 321.345



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



52, 43.612, 322.520



63, 64.072, 322.849



52, 35.498, 339.494



33, 6.173, 321.144



31, 77.771, 323.158



2, 11.035, 319.388

Inverse Universe

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



51, 28.776, 12.990



62, 43.303, 14.583



64, 34.887, 152.905



33, 3.776, 9.111



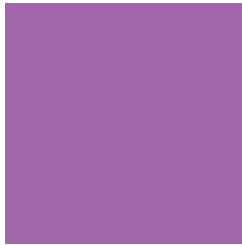
30, 64.029, 32.992



1, 6.679, 9.881

Previews

White Background



This preview shows how the CIELCh color 52, 43.614, 322.520 looks on a white background.

Color Contrast Check

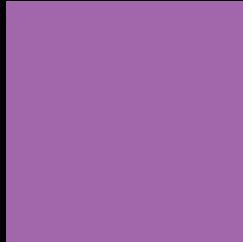
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 43.614, 322.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

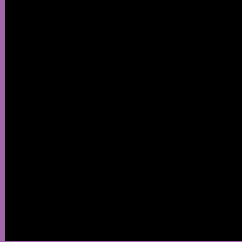
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 43.614, 322.520

Background



This preview shows how black text looks on a background with the CIELCh color 52, 43.614, 322.520.




This preview shows how white text looks on a background with the CIELCh color 52, 43.614, 322.520.

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





Tritanopia
52, 17.658, 4.573

Trichromacy



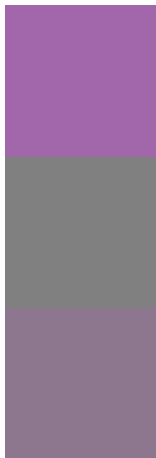
Original Color
52, 43.614, 322.520

Protanomaly
52, 38.022, 299.118

Deuteranomaly
52, 30.845, 303.506

Tritanomaly
52, 25.481, 339.866

Monochromacy



Original Color
52, 43.614, 322.520

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 16.147, 321.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 43.614, 322.520 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(161, 103, 170)` looks like.

```
.text, #text, p{  
    color:rgb(161, 103, 170)  
}
```

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(161, 103, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 103, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 43.614, 322.520 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(161, 103, 170) }
```

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

```
.border{ border-color:rgb(161, 103, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 103, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 103, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 103, 170); box-shadow:4px 4px 4px 4px rgb(161, 103, 170) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 43.614, 322.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 103, 170) }
```

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

```
.background{ background-color: rgb(161,  
103, 170) }
```

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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