

Converting Colors

CIELCh(52, 35.959, 327.283)

Have a look what the booklet for
CIELCh(52, 35.959, 327.283)
contains.

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Color

CIELCh(52, 35.922, 327.273)

Conversions

Conversions Part 1

Format	Color
Hex	A06A9E
RGB	160, 106, 158
RGB Percent	63%, 42%, 62%
CMY	0.3738, 0.5855, 0.3816
CMYK	0.00, 0.34, 0.01, 0.37
HSL	302°, 22%, 52%
HSV	302°, 34%, 63%
XYZ	25.7003, 20.1443, 34.7388
YIQ	128.0740, 15.4920, 27.6200

Conversions

Conversions Part 2

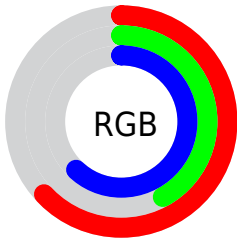
Format	Color
R_{YB}	160, 106, 158
Decimal	10513054
CIE _{Lab}	52.00, 30.22, -19.42
CIE _{LCh}	52, 35.922, 327.273
Yxy	20.1443, 0.3189, 0.2500
Android (android.graphics.Color)	4288703134 (0xFFA06A9E)
YUV	128.0740, 14.7535, 27.9991
Hunter-Lab	44.8824, 23.6674, -14.4725

Details

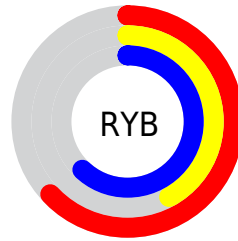
The CIELCh color $52, 35.922, 327.273$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 35.937, 143.040$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 36.231, 327.361$, and $32, 35.724, 327.343$ is the 20% darker color. If you saturate the color by 10%, you get $48, 46.049, 327.789$, and if you desaturate by 10%, it is $56, 25.378, 326.734$.

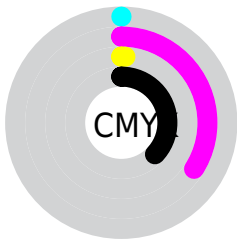
Distribution



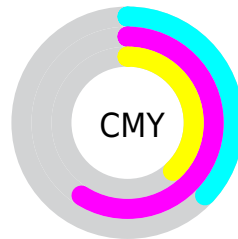
- Red (63%)
- Green (42%)
- Blue (62%)



- Red (63%)
- Yellow (42%)
- Blue (62%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (37%)





- Cyan (37%)
- Magenta (59%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 35.922, 327.273 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, 35.922, 327.273 by changing the saturation by 10% instead.


 52, 35.922,
327.273


 52, 35.922,
327.273


 100, 35.922,
327.273


 42, 35.922,
327.273


 72, 35.922,
327.273

 32, 35.922,
327.273

 82, 35.922,
327.273

 22, 35.922,
327.273

 92, 35.922,
327.273

 12, 35.922,
327.273

 2, 35.922, 327.273

 0, 35.922, 327.273

52, 35.922,
327.273

52, 35.922,
327.273

48, 46.049,
327.789

56, 25.378,
326.734

45, 55.428,
328.267

60, 14.684,
326.181

43, 63.663,
328.697

64, 4.024, 325.594

40, 70.349,
329.066

68, 6.477, 145.147

39, 75.166,
329.369

73, 16.741,
144.604

38, 77.980,
329.609

77, 26.725,
144.098

37, 79.143,
329.740

82, 36.408,
143.618

86, 45.786,
143.164

■ 91, 54.863,
142.737

Harmonies

Complementary

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



52, 35.922, 327.273



61, 35.937, 143.040

Rectangle

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



52, 35.922, 327.273



52, 35.922, 17.273



52, 35.922, 147.273



52, 35.922, 197.273

Sweetspot

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



52, 35.920, 327.273



78, 13.096, 325.977



47, 32.023, 295.423



41, 9.012, 326.052



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



52, 35.920, 327.273



63, 53.307, 327.686



51, 25.899, 348.759



31, 5.953, 325.923



33, 72.948, 329.725



1, 7.701, 325.683

Inverse Universe

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



52, 35.920, 327.273



63, 53.307, 327.686



61, 24.688, 162.292



31, 5.953, 325.923



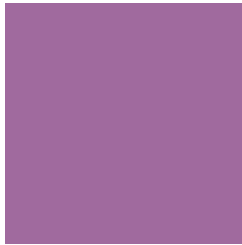
33, 72.948, 329.725



1, 7.701, 325.683

Previews

White Background



This preview shows how the CIELCh color 52, 35.922, 327.273 looks on a white background.

Color Contrast Check

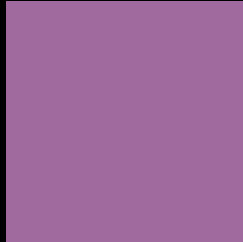
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.922, 327.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

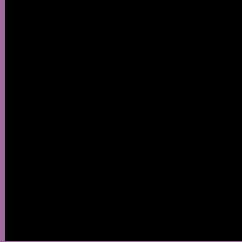
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 35.922, 327.273

Background



This preview shows how black text looks on a background with the CIELCh color 52, 35.922, 327.273.



This preview shows how white text looks on a background with the CIELCh color 52, 35.922, 327.273.

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
52, 35.922, 327.273

Protanopia
52, 27.449, 284.563

Deuteranopia
52, 19.170, 291.482



Tritanopia
52, 18.060, 5.027

Trichromacy



Original Color
52, 35.922, 327.273

Protanomaly
52, 28.861, 301.212

Deuteranomaly
52, 24.392, 309.426

Tritanomaly
52, 23.493, 344.583

Monochromacy



Original Color
52, 35.922, 327.273

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 13.530, 326.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 35.922, 327.273 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(160, 106, 158)` looks like.

```
.text, #text, p{  
    color:rgb(160, 106, 158)  
}
```

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(160, 106, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 106, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 35.922, 327.273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

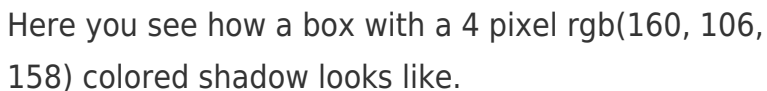
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 106, 158) }
```

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

```
.border{ border-color:rgb(160, 106, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 106, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 106, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 106, 158);  
box-shadow:4px 4px 4px 4px rgb(160, 106,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 35.922, 327.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 106, 158) }
```

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

```
.background{ background-color: rgb(160,  
106, 158) }
```

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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