

Converting Colors

CIELCh(52, 35.695, 331.715)

Have a look what the booklet for
CIELCh(52, 35.695, 331.715)
contains.

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Color

CIELCh(52, 35.892, 332.241)

Conversions

Conversions Part 1

Format	Color
Hex	A46899
RGB	164, 104, 153
RGB Percent	64%, 41%, 60%
CMY	0.3562, 0.5916, 0.3994
CMYK	0.00, 0.37, 0.07, 0.36
HSL	311°, 25%, 53%
HSV	311°, 37%, 64%
XYZ	26.0697, 20.1443, 32.7173
YIQ	127.5260, 20.0310, 27.9590

Conversions

Conversions Part 2

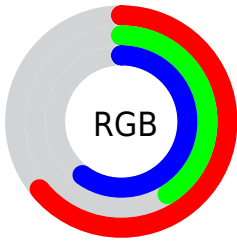
Format	Color
RYB	164, 104, 153
Decimal	10774681
CIELab	52.00, 31.76, -16.72
CIELCh	52, 35.892, 332.241
Yxy	20.1443, 0.3303, 0.2552
Android (android.graphics.Color)	4288964761 (0xFFA46899)
YUV	127.5260, 12.5587, 31.9877
Hunter-Lab	44.8824, 25.1365, -11.8021

Details

The CIELCh color `52, 35.892, 332.241` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `62, 35.788, 147.115`, and the grayscale version is `53, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 35.887, 332.512`, and `32, 35.921, 332.194` is the 20% darker color. If you saturate the color by 10%, you get `48, 45.146, 332.911`, and if you desaturate by 10%, it is `56, 26.183, 331.586`.

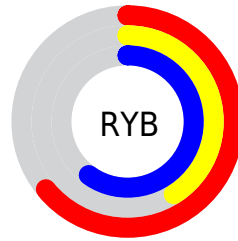
Distribution



Red (64%)

Green (41%)

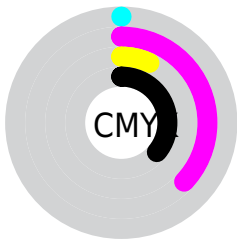
Blue (60%)



Red (64%)

Yellow (41%)

Blue (60%)

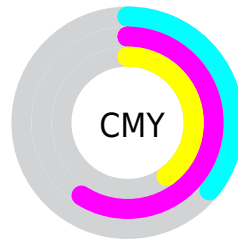


Cyan (0%)

Magenta (37%)

Yellow (7%)

Black (36%)



Cyan (36%)


Magenta (59%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 35.892, 332.241 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, 35.892, 332.241 by changing the saturation by 10% instead.


 52, 35.892,
332.241


 52, 35.892,
332.241


 100, 35.892,
332.241


 42, 35.892,
332.241


 72, 35.892,
332.241

 32, 35.892,
332.241

 82, 35.892,
332.241

 22, 35.892,
332.241

 92, 35.892,
332.241

 12, 35.892,
332.241

 2, 35.892, 332.241

 0, 35.892, 332.241

52, 35.892,
332.241

52, 35.892,
332.241

48, 45.146,
332.911

56, 26.183,
331.586

45, 53.599,
333.598

60, 16.294,
330.946

42, 60.835,
334.307

65, 6.415, 330.306

40, 66.435,
335.053

69, 3.329, 149.834

38, 70.080,
335.859

74, 12.860,
149.208

37, 71.748,
336.752

78, 22.137,
148.658

37, 72.152,
337.067

83, 31.139,
148.140

87, 39.865,
147.651

 92, 48.319,
147.190

Harmonies

Complementary

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



52, 35.892, 332.241



62, 35.788, 147.115

Rectangle

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



52, 35.892, 332.241



52, 35.892, 22.241



52, 35.892, 152.241



52, 35.892, 202.241

Sweetspot

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



52, 35.890, 332.241



80, 13.408, 330.607



47, 35.787, 300.570



41, 9.000, 330.687



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



52, 35.890, 332.241



63, 53.137, 332.794



51, 26.741, 358.967



32, 5.519, 330.483



33, 66.083, 336.960



1, 8.264, 331.560

Inverse Universe

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



52, 35.890, 332.241



63, 53.137, 332.794



63, 24.182, 171.170



32, 5.519, 330.483



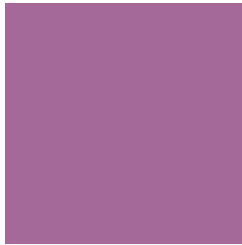
33, 66.083, 336.960



1, 8.264, 331.560

Previews

White Background



This preview shows how the CIELCh color 52, 35.892, 332.241 looks on a white background.

Color Contrast Check

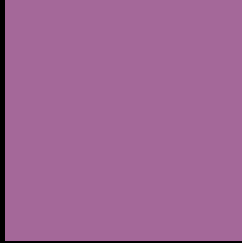
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.892, 332.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

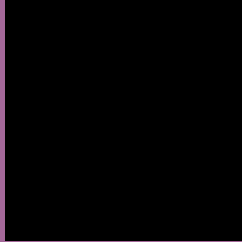
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 35.892, 332.241

Background



This preview shows how black text looks on a background with the CIELCh color 52, 35.892, 332.241.



This preview shows how white text looks on a background with the CIELCh color 52, 35.892, 332.241.

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, 35.892, 332.241

Protanopia

52, 25.672, 285.077

Deuteranopia

52, 16.304, 294.760



Tritanopia
52, 20.901, 9.381

Trichromacy



Original Color
52, 35.892, 332.241

Protanomaly
52, 27.415, 304.557

Deuteranomaly
52, 22.170, 315.322

Tritanomaly
52, 24.661, 351.819

Monochromacy



Original Color
52, 35.892, 332.241

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 13.571, 330.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 35.892, 332.241 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(164, 104, 153)` looks like.

```
.text, #text, p{  
    color:rgb(164, 104, 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(164, 104, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 104, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 35.892, 332.241 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(164, 104, 153) }
```

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

```
.border{ border-color:rgb(164, 104, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 104, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 104, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 104, 153);  
box-shadow:4px 4px 4px 4px rgb(164, 104,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 35.892, 332.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 104, 153) }
```

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

```
.background{ background-color: rgb(164,  
104, 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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