

Converting Colors

CIELCh(52, 34.559, 328.712)

Have a look what the booklet for
CIELCh(52, 34.559, 328.712)
contains.

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Color

CIELCh(52, 34.597, 328.962)

Conversions

Conversions Part 1

Format	Color
Hex	A06A9B
RGB	160, 106, 155
RGB Percent	63%, 42%, 61%
CMY	0.3726, 0.5843, 0.3922
CMYK	0.00, 0.34, 0.03, 0.37
HSL	306°, 22%, 52%
HSV	306°, 34%, 63%
XYZ	25.5632, 20.1443, 33.5461
YIQ	127.7320, 16.4550, 26.6870

Conversions

Conversions Part 2

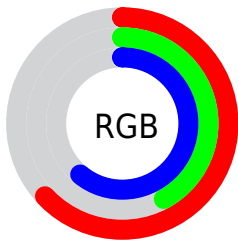
Format	Color
R_{YB}	160, 106, 155
Decimal	10513051
CIE _{Lab}	52.00, 29.64, -17.84
CIE _{LCh}	52, 34.597, 328.962
Yxy	20.1443, 0.3225, 0.2542
Android (android.graphics.Color)	4288703131 (0xFFA06A9B)
YUV	127.7320, 13.4431, 28.2990
Hunter-Lab	44.8824, 23.1220, -12.8969

Details

The CIELCh color $52, 34.597, 328.962$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 34.584, 144.602$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 34.975, 328.941$, and $32, 34.782, 328.550$ is the 20% darker color. If you saturate the color by 10%, you get $48, 44.380, 329.526$, and if you desaturate by 10%, it is $56, 24.418, 328.388$.

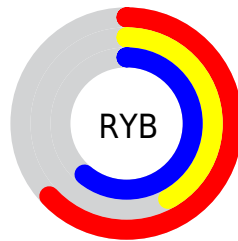
Distribution



Red (63%)

Green (42%)

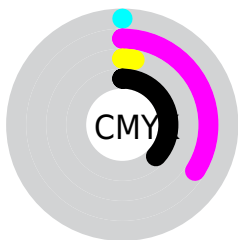
Blue (61%)



Red (63%)

Yellow (42%)

Blue (61%)

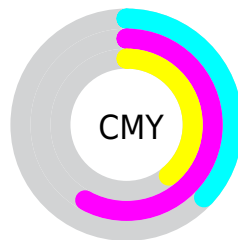


Cyan (0%)

Magenta (34%)

Yellow (3%)

Black (37%)



Cyan (37%)


Magenta (58%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 34.597, 328.962 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, 34.597, 328.962 by changing the saturation by 10% instead.


 52, 34.597,
328.962


 52, 34.597,
328.962


 100, 34.597,
328.962


 42, 34.597,
328.962


 72, 34.597,
328.962

 32, 34.597,
328.962

 82, 34.597,
328.962

 22, 34.597,
328.962

 92, 34.597,
328.962

 12, 34.597,
328.962

 2, 34.597, 328.962

 0, 34.597, 328.962

52, 34.597,
328.962

52, 34.597,
328.962

48, 44.380,
329.526

56, 24.418,
328.388

45, 53.442,
330.071

60, 14.102,
327.808

42, 61.388,
330.590

64, 3.825, 327.198

40, 67.806,
331.079

69, 6.294, 146.746

38, 72.363,
331.539

73, 16.183,
146.190

37, 74.909,
331.980

78, 25.802,
145.673

37, 75.903,
332.251

82, 35.133,
145.184

87, 44.174,
144.721

■ 91, 52.931,
144.285

Harmonies

Complementary

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



52, 34.597, 328.962



61, 34.584, 144.602

Rectangle

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



52, 34.597, 328.962



52, 34.597, 18.962



52, 34.597, 148.962



52, 34.597, 198.962

Sweetspot

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



52, 34.595, 328.962



79, 12.730, 327.600



47, 32.053, 297.013



41, 8.674, 327.677



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, 34.595, 328.962



63, 51.861, 329.417



51, 25.215, 351.847



31, 5.729, 327.543



33, 69.891, 332.209



1, 7.353, 327.638

Inverse Universe

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



52, 34.595, 328.962



63, 51.861, 329.417



62, 23.732, 165.139



31, 5.729, 327.543



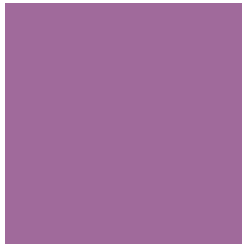
33, 69.891, 332.209



1, 7.353, 327.638

Previews

White Background



This preview shows how the CIELCh color 52, 34.597, 328.962 looks on a white background.

Color Contrast Check

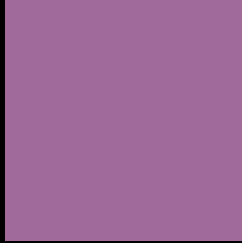
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 34.597, 328.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

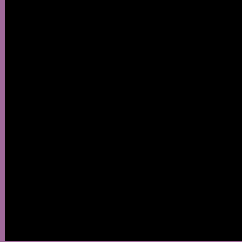
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 34.597, 328.962

Background



This preview shows how black text looks on a background with the CIELCh color 52, 34.597, 328.962.



This preview shows how white text looks on a background with the CIELCh color 52, 34.597, 328.962.

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, 34.597, 328.962

Protanopia
52, 25.672, 285.077

Deuteranopia
52, 17.436, 292.338



Tritanopia
52, 18.367, 7.217

Trichromacy



Original Color
52, 34.597, 328.962

Protanomaly
52, 27.201, 302.327

Deuteranomaly
52, 22.860, 311.546

Tritanomaly
52, 22.892, 346.975

Monochromacy



Original Color
52, 34.597, 328.962

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 13.072, 328.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 34.597, 328.962 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(160, 106, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 106, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 34.597, 328.962 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, 155) }
```

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

```
.border{ border-color:rgb(160, 106, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 106, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 106, 155);  
box-shadow:4px 4px 4px 4px rgb(160, 106,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 34.597, 328.962 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, 155) }
```

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

```
.background{ background-color: rgb(160,  
106, 155) }
```

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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