

Converting Colors

CIELCh(52, 30.912, 327.365)

Have a look what the booklet for
CIELCh(52, 30.912, 327.365)
contains.

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Color

CIELCh(52, 30.712, 327.238)

Conversions

Conversions Part 1

Format	Color
Hex	9B6D99
RGB	155, 109, 153
RGB Percent	61%, 43%, 60%
CMY	0.3929, 0.5732, 0.4007
CMYK	0.00, 0.30, 0.01, 0.39
HSL	303°, 19%, 52%
HSV	303°, 30%, 61%
XYZ	24.6669, 20.1443, 32.6463
YIQ	127.7700, 13.2920, 23.4360

Conversions

Conversions Part 2

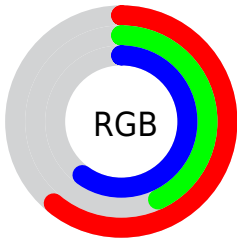
Format	Color
R _{YB}	155, 109, 153
Decimal	10186137
CIE _{Lab}	52.00, 25.83, -16.62
CIE _{LCh}	52, 30.712, 327.238
Yxy	20.1443, 0.3185, 0.2601
Android (android.graphics.Color)	4288376217 (0xFF9B6D99)
YUV	127.7700, 12.4384, 23.8807
Hunter-Lab	44.8824, 19.5574, -11.7083

Details

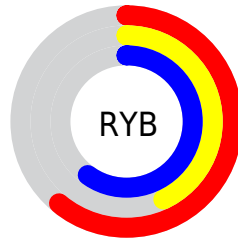
The CIELCh color $52, 30.712, 327.238$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 30.704, 143.586$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 30.586, 327.439$, and $32, 31.077, 327.194$ is the 20% darker color. If you saturate the color by 10%, you get $48, 40.748, 327.768$, and if you desaturate by 10%, it is $56, 20.388, 326.690$.

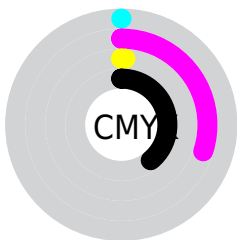
Distribution



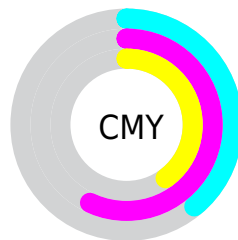
- Red (61%)
- Green (43%)
- Blue (60%)



- Red (61%)
- Yellow (43%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (39%)





- Cyan (39%)
- Magenta (57%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 30.712, 327.238 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, 30.712, 327.238 by changing the saturation by 10% instead.


 52, 30.712,
327.238


 52, 30.712,
327.238


 100, 30.712,
327.238


 42, 30.712,
327.238


 72, 30.712,
327.238


 32, 30.712,
327.238

 82, 30.712,
327.238

 22, 30.712,
327.238

 92, 30.712,
327.238

 12, 30.712,
327.238

 2, 30.712, 327.238

 0, 30.712, 327.238

52, 30.712,
327.238

52, 30.712,
327.238

48, 40.748,
327.768

56, 20.388,
326.690

45, 50.206,
328.269

60, 10.001,
326.130

42, 58.720,
328.728

64, 0.296, 146.360

40, 65.895,
329.134

68, 10.402,
145.099

38, 71.370,
329.480

73, 20.259,
144.575

37, 74.923,
329.765

77, 29.835,
144.079


36, 76.927,
330.005

81, 39.116,
143.610

36, 76.984,

86, 48.104,
143.167

330.012

 90, 56.805,
142.750

Harmonies

Complementary

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



52, 30.712, 327.238



60, 30.704, 143.586

Rectangle

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



52, 30.712, 327.238



52, 30.712, 17.238



52, 30.712, 147.238



52, 30.712, 197.238

Sweetspot

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



52, 30.710, 327.238



76, 11.492, 326.100



48, 27.201, 294.819



40, 8.055, 326.178



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



52, 30.710, 327.238



64, 45.925, 327.612



51, 22.157, 348.274



30, 5.767, 326.103



33, 71.644, 329.996



1, 6.176, 325.775

Inverse Universe

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



52, 30.710, 327.238



64, 45.925, 327.612



60, 21.240, 162.754



30, 5.767, 326.103



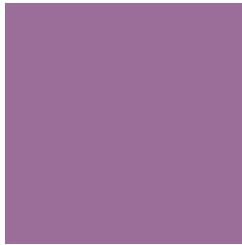
33, 71.644, 329.996



1, 6.176, 325.775

Previews

White Background



This preview shows how the CIELCh color 52, 30.712, 327.238 looks on a white background.

Color Contrast Check

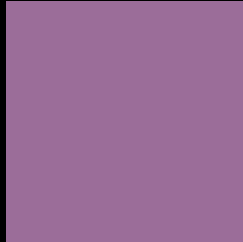
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.712, 327.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

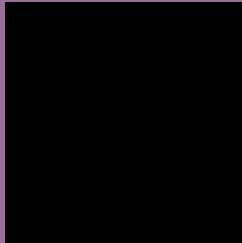
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 30.712, 327.238

Background



This preview shows how black text looks on a background with the CIELCh color 52, 30.712, 327.238.



This preview shows how white text looks on a background with the CIELCh color 52, 30.712, 327.238.

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, 30.712, 327.238

Protanopia

52, 23.322, 285.474

Deuteranopia

52, 16.287, 293.479



Tritanopia
52, 16.037, 2.539

Trichromacy



Original Color
52, 30.712, 327.238

Protanomaly
52, 24.265, 302.376

Deuteranomaly
52, 20.972, 311.092

Tritanomaly
52, 20.320, 343.245

Monochromacy



Original Color
52, 30.712, 327.238

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 11.451, 326.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 30.712, 327.238 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(155, 109, 153)` looks like.

```
.text, #text, p{  
    color:rgb(155, 109, 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(155, 109, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 109, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 30.712, 327.238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

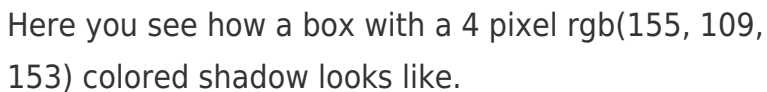
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 109, 153) }
```

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

```
.border{ border-color:rgb(155, 109, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 109, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 109, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 109, 153); box-shadow:4px 4px 4px 4px rgb(155, 109, 153) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 30.712, 327.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 109, 153) }
```

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

```
.background{ background-color: rgb(155,  
109, 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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