

Converting Colors

CIELCh(52, 23.839, 343.599)

Have a look what the booklet for
CIELCh(52, 23.839, 343.599)
contains.

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Color

CIELCh(52, 23.809, 343.437)

Conversions

Conversions Part 1

Format	Color
Hex	9D6E88
RGB	157, 110, 136
RGB Percent	62%, 43%, 53%
CMY	0.3838, 0.5681, 0.4661
CMYK	0.00, 0.30, 0.13, 0.38
HSL	327°, 19%, 52%
HSV	327°, 30%, 62%
XYZ	23.9761, 20.1443, 25.9678
YIQ	127.0170, 19.6660, 18.0500

Conversions

Conversions Part 2

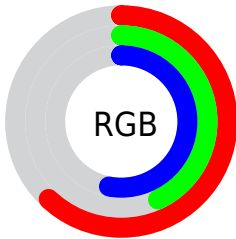
Format	Color
R_{YB}	157, 110, 136
Decimal	10317448
CIE _{Lab}	52.00, 22.82, -6.79
CIE _{LCh}	52, 23.809, 343.437
Yxy	20.1443, 0.3421, 0.2874
Android (android.graphics.Color)	4288507528 (0xFF9D6E88)
YUV	127.0170, 4.4286, 26.2951
Hunter-Lab	44.8824, 16.8101, -2.8860

Details

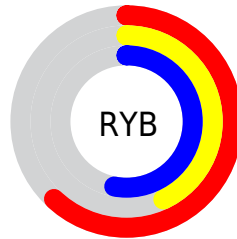
The CIELCh color $52, 23.809, 343.437$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 23.167, 158.282$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 23.702, 343.570$, and $32, 23.458, 344.157$ is the 20% darker color. If you saturate the color by 10%, you get $48, 31.711, 344.493$, and if you desaturate by 10%, it is $56, 15.775, 342.494$.

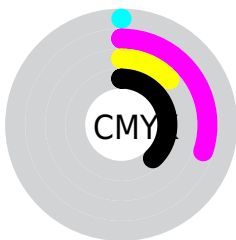
Distribution



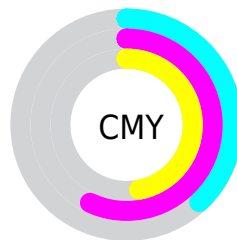
- Red (62%)
- Green (43%)
- Blue (53%)



- Red (62%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (38%)





- Cyan (38%)
- Magenta (57%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 23.809, 343.437 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, 23.809, 343.437 by changing the saturation by 10% instead.


 52, 23.809,
343.437


 52, 23.809,
343.437


 100, 23.809,
343.437


 42, 23.809,
343.437


 72, 23.809,
343.437

 32, 23.809,
343.437

 82, 23.809,
343.437

 22, 23.809,
343.437

 92, 23.809,
343.437

 12, 23.809,
343.437

 2, 23.809, 343.437

 0, 23.809, 343.437

52, 23.809,
343.437

52, 23.809,
343.437

48, 31.711,
344.493

56, 15.775,
342.494

44, 39.241,
345.697

60, 7.784, 341.624

41, 46.070,
347.102

65, 0.062, 166.101

69, 7.701, 160.220

38, 51.811,
348.788

74, 15.103,
159.539

36, 56.084,
350.858

78, 22.259,
158.919

35, 58.640,
353.445


83, 29.172,
158.345

34, 59.880,
356.527

87, 35.852,
157.811

34, 59.891,

356.554

 92, 42.313,
157.312

Harmonies

Complementary

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



52, 23.809, 343.437



61, 23.167, 158.282

Rectangle

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



52, 23.809, 343.437



52, 23.809, 33.437



52, 23.809, 163.437



52, 23.809, 213.437

Sweetspot

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



52, 23.807, 343.438



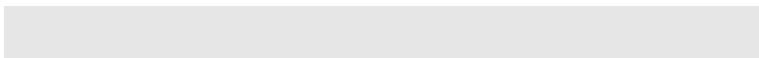
77, 8.734, 341.561



50, 28.608, 308.269



40, 6.064, 341.677



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, 23.807, 343.438



63, 35.426, 344.139



51, 19.982, 16.710



31, 4.459, 341.568



30, 55.910, 356.229



1, 5.663, 342.344

Inverse Universe

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



52, 23.807, 343.438



63, 35.426, 344.139



61, 16.790, 191.851



31, 4.459, 341.568



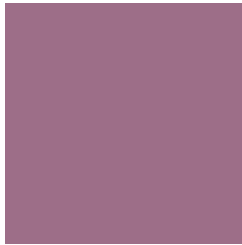
30, 55.910, 356.229



1, 5.663, 342.344

Previews

White Background



This preview shows how the CIELCh color 52, 23.809, 343.437 looks on a white background.

Color Contrast Check

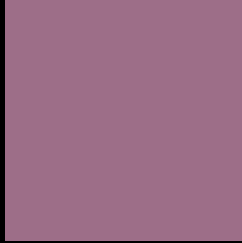
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.809, 343.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

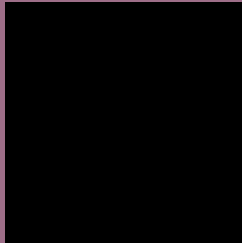
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 23.809, 343.437

Background



This preview shows how black text looks on a background with the CIELCh color 52, 23.809, 343.437.



This preview shows how white text looks on a background with the CIELCh color 52, 23.809, 343.437.

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, 23.809, 343.437

Protanopia

52, 12.807, 286.820

Deuteranopia

52, 8.736, 320.583



Tritanopia
52, 17.958, 6.817

Trichromacy



Original Color
52, 23.809, 343.437

Protanomaly
52, 15.316, 315.352

Deuteranomaly
52, 14.119, 333.412

Tritanomaly
52, 19.812, 356.113

Monochromacy



Original Color
52, 23.809, 343.437

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 8.579, 343.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 23.809, 343.437 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(157, 110, 136)` looks like.

```
.text, #text, p{  
    color:rgb(157, 110, 136)  
}
```

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(157, 110, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 110, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 23.809, 343.437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

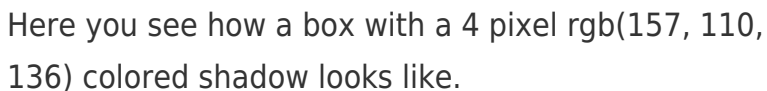
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 110, 136) }
```

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

```
.border{ border-color:rgb(157, 110, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 110, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 110, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 110, 136); box-shadow:4px 4px 4px 4px rgb(157, 110, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 23.809, 343.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 110, 136) }
```

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

```
.background{ background-color: rgb(157,  
110, 136) }
```

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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