

Converting Colors

CIELCh(52, 31.278, 325.706)

Have a look what the booklet for
CIELCh(52, 31.278, 325.706)
contains.

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Color

CIELCh(52, 31.438, 325.391)

Conversions

Conversions Part 1

Format	Color
Hex	9A6D9B
RGB	154, 109, 155
RGB Percent	60%, 43%, 61%
CMY	0.3964, 0.5729, 0.3925
CMYK	0.01, 0.30, 0.00, 0.39
HSL	299°, 19%, 52%
HSV	299°, 30%, 61%
XYZ	24.6781, 20.1443, 33.5591
YIQ	127.6990, 12.0540, 23.8460

Conversions

Conversions Part 2

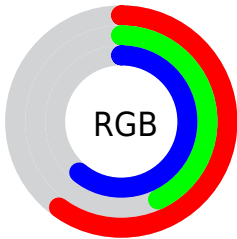
Format	Color
R_{YB}	154, 109, 155
Decimal	10120603
CIE _{Lab}	52.00, 25.87, -17.86
CIE _{LCh}	52, 31.438, 325.391
Yxy	20.1443, 0.3148, 0.2570
Android (android.graphics.Color)	4288310683 (0xFF9A6D9B)
YUV	127.6990, 13.4594, 23.0660
Hunter-Lab	44.8824, 19.6021, -12.9141

Details

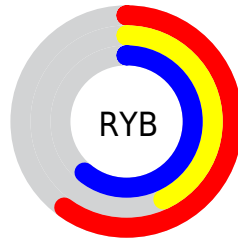
The CIELCh color `52, 31.438, 325.391` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `60, 31.402, 141.916`, and the grayscale version is `53, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 31.694, 325.132`, and `32, 31.887, 325.225` is the 20% darker color. If you saturate the color by 10%, you get `48, 41.740, 325.878`, and if you desaturate by 10%, it is `56, 20.856, 324.877`.

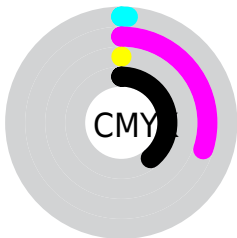
Distribution



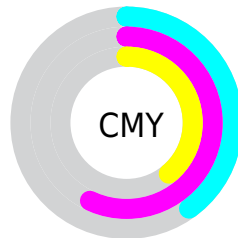
- Red (60%)
- Green (43%)
- Blue (61%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 31.438, 325.391 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, 31.438, 325.391 by changing the saturation by 10% instead.


 52, 31.438,
325.391


 52, 31.438,
325.391


 100, 31.438,
325.391


 42, 31.438,
325.391


 72, 31.438,
325.391

 32, 31.438,
325.391

 82, 31.438,
325.391

 22, 31.438,
325.391

 92, 31.438,
325.391

 12, 31.438,
325.391

 2, 31.438, 325.391

 0, 31.438, 325.391

■ 52, 31.438,
325.391

■ 52, 31.438,
325.391

■ 48, 41.740,
325.878

■ 56, 20.856,
324.877

■ 45, 51.475,
326.324

■ 60, 10.221,
324.347

■ 42, 60.276,
326.710

■ 64, 0.318, 144.507

■ 40, 67.745,
327.018

■ 68, 10.660,
143.359

■ 38, 73.518,
327.234

■ 73, 20.746,
142.858

■ 37, 77.366,
327.349

■ 77, 30.543,
142.384


■ 36, 79.657,
327.385

■ 81, 40.039,
141.937

■ 36, 79.724,

■ 86, 49.233,
141.517

327.386

 90, 58.133,
141.124

Harmonies

Complementary

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



52, 31.438, 325.391



60, 31.402, 141.916

Rectangle

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



52, 31.438, 325.391



52, 31.438, 15.391



52, 31.438, 145.391



52, 31.438, 195.391

Sweetspot

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



52, 31.436, 325.391



76, 11.756, 324.319



48, 26.228, 292.438



40, 8.240, 324.393



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, 31.436, 325.391



63, 47.027, 325.737



51, 23.064, 344.477



30, 5.900, 324.321



32, 74.138, 327.393



1, 6.335, 323.781

Inverse Universe

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



51, 19.662, 20.130



61, 30.238, 21.060



60, 22.380, 159.277



30, 3.438, 18.132



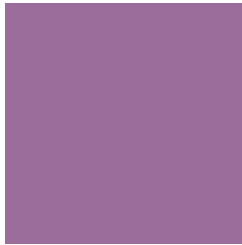
28, 65.384, 38.186



1, 3.599, 17.623

Previews

White Background



This preview shows how the CIELCh color 52, 31.438, 325.391 looks on a white background.

Color Contrast Check

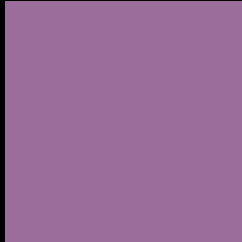
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.438, 325.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

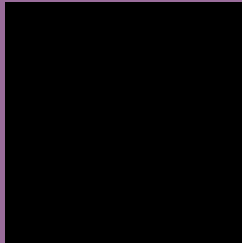
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 31.438, 325.391

Background



This preview shows how black text looks on a background with the CIELCh color 52, 31.438, 325.391.



This preview shows how white text looks on a background with the CIELCh color 52, 31.438, 325.391.

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, 31.438, 325.391

Protanopia

52, 24.498, 285.252

Deuteranopia

52, 18.015, 292.407



Tritanopia
52, 15.226, 1.377

Trichromacy



Original Color
52, 31.438, 325.391

Protanomaly
52, 25.353, 301.226

Deuteranomaly
52, 22.511, 308.812

Tritanomaly
52, 19.687, 341.642

Monochromacy



Original Color
52, 31.438, 325.391

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 11.707, 323.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 31.438, 325.391 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(154, 109, 155)` looks like.

```
.text, #text, p{  
    color:rgb(154, 109, 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(154, 109, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 109, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 31.438, 325.391 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(154, 109, 155) }
```

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

```
.border{ border-color:rgb(154, 109, 155) }
```

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

Here you see how a box with a 4 pixel rgb(154, 109, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 109, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 109, 155);  
box-shadow:4px 4px 4px 4px rgb(154, 109,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 31.438, 325.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 109, 155) }
```

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

```
.background{ background-color: rgb(154,  
109, 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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