

Converting Colors

CIELCh(52, 23.886, 337.107)

Have a look what the booklet for
CIELCh(52, 23.886, 337.107)
contains.

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Color

CIELCh(52, 23.685, 337.354)

Conversions

Conversions Part 1

Format	Color
Hex	9A6F8C
RGB	154, 111, 140
RGB Percent	60%, 44%, 55%
CMY	0.3959, 0.5646, 0.4508
CMYK	0.00, 0.28, 0.09, 0.40
HSL	320°, 18%, 52%
HSV	320°, 28%, 60%
XYZ	23.7577, 20.1443, 27.4605
YIQ	127.1630, 16.3190, 18.1350

Conversions

Conversions Part 2

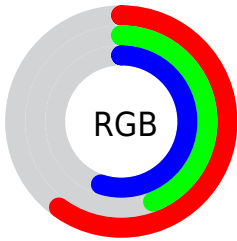
Format	Color
R_{YB}	154, 111, 140
Decimal	10121100
CIE Lab	52.00, 21.86, -9.12
CIE LCh	52, 23.685, 337.354
Yxy	20.1443, 0.3329, 0.2823
Android (android.graphics.Color)	4288311180 (0xFF9A6F8C)
YUV	127.1630, 6.3286, 23.5360
Hunter-Lab	44.8824, 15.9415, -4.8578

Details

The CIELCh color $52, 23.685, 337.354$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 23.396, 153.139$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 23.911, 336.949$, and $32, 23.356, 337.273$ is the 20% darker color. If you saturate the color by 10%, you get $48, 32.065, 338.188$, and if you desaturate by 10%, it is $56, 15.155, 336.579$.

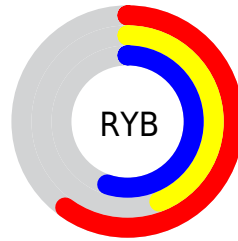
Distribution



Red (60%)

Green (44%)

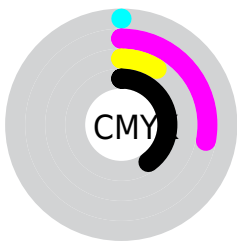
Blue (55%)



Red (60%)

Yellow (44%)

Blue (55%)

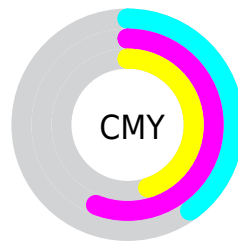


Cyan (0%)

Magenta (28%)

Yellow (9%)

Black (40%)



Cyan (40%)


Magenta (56%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 23.685, 337.354 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, 23.685, 337.354 by changing the saturation by 10% instead.


 52, 23.685,
337.354


 52, 23.685,
337.354


 100, 23.685,
337.354


 42, 23.685,
337.354


 72, 23.685,
337.354

 32, 23.685,
337.354

 82, 23.685,
337.354

 22, 23.685,
337.354

 92, 23.685,
337.354

 12, 23.685,
337.354

 2, 23.685, 337.354

 0, 23.685, 337.354

■ 52, 23.685,
337.354

■ 52, 23.685,
337.354

■ 48, 32.065,
338.188

■ 56, 15.155,
336.579

■ 45, 40.058,
339.095

■ 60, 6.649, 335.836

■ 65, 1.725, 155.371

■ 41, 47.338,
340.101

■ 69, 9.903, 154.602

■ 39, 53.517,
341.242

■ 73, 17.851,
153.994

■ 36, 58.202,
342.573

■ 78, 25.556,
153.430

■ 35, 61.096,
344.167


■ 82, 33.018,
152.901

■ 34, 62.318,
346.065

■ 87, 40.244,
152.405

■ 34, 62.532,

346.470

 91, 47.247,
151.938

Harmonies

Complementary

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



52, 23.685, 337.354



60, 23.396, 153.139

Rectangle

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



52, 23.685, 337.354



52, 23.685, 27.354



52, 23.685, 157.354



52, 23.685, 207.354

Sweetspot

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



52, 23.683, 337.355



77, 8.364, 335.854



50, 25.814, 304.193



40, 5.998, 335.961



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, 23.683, 337.355



64, 34.806, 337.826



51, 18.413, 7.466



30, 4.726, 335.933



30, 58.486, 346.271



1, 5.029, 335.815

Inverse Universe

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



52, 23.683, 337.355



64, 34.806, 337.826



60, 16.355, 182.070



30, 4.726, 335.933



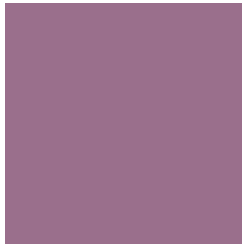
30, 58.486, 346.271



1, 5.029, 335.815

Previews

White Background



This preview shows how the CIELCh color 52, 23.685, 337.354 looks on a white background.

Color Contrast Check

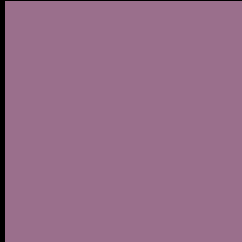
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.685, 337.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

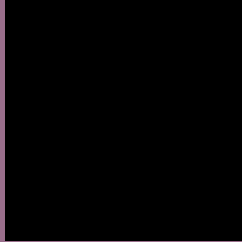
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 23.685, 337.354

Background



This preview shows how black text looks on a background with the CIELCh color 52, 23.685, 337.354.



This preview shows how white text looks on a background with the CIELCh color 52, 23.685, 337.354.

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, 23.685, 337.354

Protanopia

52, 14.563, 286.248

Deuteranopia

52, 10.521, 310.605



Tritanopia
52, 16.434, 3.074

Trichromacy



Original Color
52, 23.685, 337.354

Protanomaly
52, 15.973, 309.871

Deuteranomaly
52, 15.426, 325.268

Tritanomaly
52, 18.564, 351.964

Monochromacy



Original Color
52, 23.685, 337.354

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 9.023, 335.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 23.685, 337.354 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, 111, 140)` looks like.

```
.text, #text, p{  
    color:rgb(154, 111, 140)  
}
```

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, 111, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 111, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 23.685, 337.354 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, 111, 140) }
```

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

```
.border{ border-color:rgb(154, 111, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 111, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 111, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 111, 140);  
box-shadow:4px 4px 4px 4px rgb(154, 111,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 23.685, 337.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 111, 140) }
```

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

```
.background{ background-color: rgb(154,  
111, 140) }
```

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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