

Converting Colors

CIELCh(52, 18.833, 323.205)

Have a look what the booklet for
CIELCh(52, 18.833, 323.205)
contains.

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Color

CIELCh(52, 18.448, 323.345)

Conversions

Conversions Part 1

Format	Color
Hex	8D748F
RGB	141, 116, 143
RGB Percent	55%, 45%, 56%
CMY	0.4470, 0.5450, 0.4391
CMYK	0.01, 0.19, 0.00, 0.44
HSL	296°, 11%, 51%
HSV	296°, 19%, 56%
XYZ	22.1958, 20.1443, 28.7138
YIQ	126.5530, 6.2330, 13.6970

Conversions

Conversions Part 2

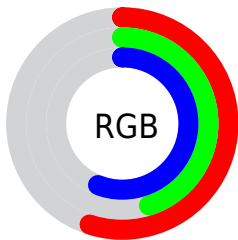
Format	Color
R_{YB}	141, 116, 143
Decimal	9270415
CIE _{Lab}	52.00, 14.80, -11.01
CIE _{LCh}	52, 18.448, 323.345
Yxy	20.1443, 0.3124, 0.2835
Android (android.graphics.Color)	4287460495 (0xFF8D748F)
YUV	126.5530, 8.1084, 12.6700
Hunter-Lab	44.8824, 9.7298, -6.5134

Details

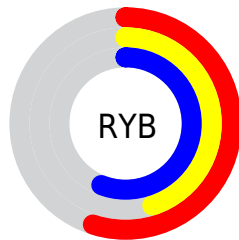
The CIELCh color $52, 18.448, 323.345$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 18.384, 141.399$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 18.674, 323.303$, and $32, 18.441, 323.501$ is the 20% darker color. If you saturate the color by 10%, you get $48, 28.259, 323.827$, and if you desaturate by 10%, it is $56, 8.628, 322.847$.

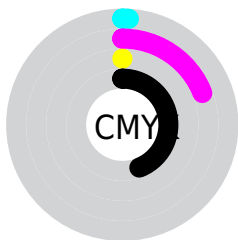
Distribution



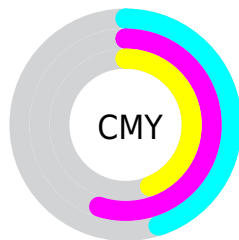
- Red (55%)
- Green (45%)
- Blue (56%)



- Red (55%)
- Yellow (45%)
- Blue (56%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (44%)





- Cyan (45%)
- Magenta (55%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 18.448, 323.345 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, 18.448, 323.345 by changing the saturation by 10% instead.


 52, 18.448,
323.345


 52, 18.448,
323.345


 100, 18.448,
323.345


 42, 18.448,
323.345


 72, 18.448,
323.345

 32, 18.448,
323.345

 82, 18.448,
323.345

 22, 18.448,
323.345

 92, 18.448,
323.345

 12, 18.448,
323.345

 2, 18.448, 323.345

 0, 18.448, 323.345

52, 18.448,
323.345

52, 18.448,
323.345

48, 28.259,
323.827

56, 8.628, 322.847

45, 37.884,
324.285

60, 1.075, 142.561

41, 47.075,
324.699

64, 10.584,
141.933

39, 55.508,
325.050

68, 19.854,
141.473

36, 62.814,
325.314

72, 28.862,
141.040

34, 68.622,
325.467

76, 37.599,
140.634


33, 72.658,
325.493


80, 46.069,
140.255

32, 75.182,

85, 54.277,
139.902

325.410

 89, 62.234,
139.575

 32, 75.455,
325.401

Harmonies

Complementary

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



52, 18.448, 323.345



57, 18.384, 141.399

Rectangle

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



52, 18.448, 323.345



52, 18.448, 13.345



52, 18.448, 143.345



52, 18.448, 193.345

Sweetspot

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



52, 18.446, 323.345



73, 7.218, 322.703



50, 14.480, 288.758



38, 4.827, 322.733



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 18.446, 323.345



64, 27.902, 323.569



52, 14.119, 340.862



28, 5.482, 322.862



30, 72.412, 325.415



1, 3.679, 322.435

Inverse Universe

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



51, 11.261, 14.828



64, 17.270, 15.327



57, 13.907, 157.937



28, 3.257, 13.894



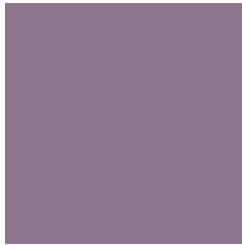
27, 61.825, 35.793



0, 2.136, 13.266

Previews

White Background



This preview shows how the CIELCh color 52, 18.448, 323.345 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, 18.448, 323.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

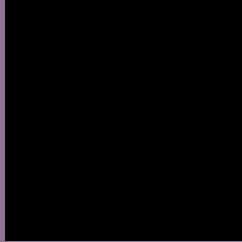
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 18.448, 323.345

Background



This preview shows how black text looks on a background with the CIELCh color 52, 18.448, 323.345.



This preview shows how white text looks on a background with the CIELCh color 52, 18.448, 323.345.

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, 18.448, 323.345

Protanopia

52, 14.563, 286.248

Deuteranopia

52, 12.543, 303.876



Tritanopia
52, 9.594, 347.651

Trichromacy



Original Color
52, 18.448, 323.345

Protanomaly
52, 15.409, 301.787

Deuteranomaly
52, 14.473, 313.434

Tritanomaly
52, 12.342, 336.085

Monochromacy



Original Color
52, 18.448, 323.345

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 6.826, 322.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 18.448, 323.345 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(141, 116, 143)` looks like.

```
.text, #text, p{  
    color:rgb(141, 116, 143)  
}
```

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(141, 116, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 116, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 18.448, 323.345 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(141, 116, 143) }
```

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

```
.border{ border-color:rgb(141, 116, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 116, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 116, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 116, 143);  
box-shadow:4px 4px 4px 4px rgb(141, 116,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 18.448, 323.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 116, 143) }
```

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

```
.background{ background-color: rgb(141,  
116, 143) }
```

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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