

Converting Colors

CIELCh(52, 18.647, 331.467)

Have a look what the booklet for
CIELCh(52, 18.647, 331.467)
contains.

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Color

CIELCh(52, 18.641, 330.613)

Conversions

Conversions Part 1

Format	Color
Hex	91738C
RGB	145, 115, 140
RGB Percent	57%, 45%, 55%
CMY	0.4317, 0.5493, 0.4513
CMYK	0.00, 0.21, 0.03, 0.43
HSL	310°, 12%, 51%
HSV	310°, 21%, 57%
XYZ	22.5093, 20.1443, 27.4786
YIQ	126.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

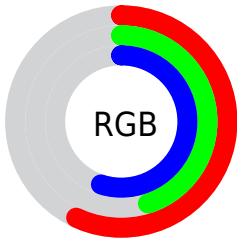
Format	Color
R_{YB}	145, 115, 140
Decimal	9532300
CIE Lab	52.00, 16.24, -9.15
CIE LCh	52, 18.641, 330.613
Yxy	20.1443, 0.3210, 0.2872
Android (android.graphics.Color)	4287722380 (0xFF91738C)
YUV	126.8200, 6.4977, 15.9439
Hunter-Lab	44.8824, 10.9763, -4.8817

Details

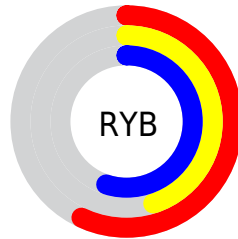
The CIELCh color $52, 18.641, 330.613$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 18.583, 148.013$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 18.867, 330.000$, and $32, 18.365, 330.395$ is the 20% darker color. If you saturate the color by 10%, you get $48, 27.631, 331.239$, and if you desaturate by 10%, it is $56, 9.593, 329.996$.

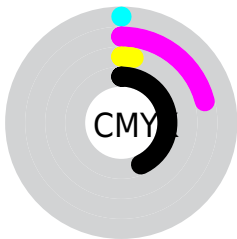
Distribution



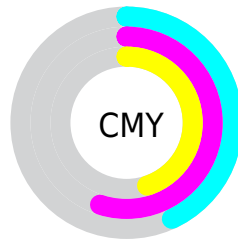
- Red (57%)
- Green (45%)
- Blue (55%)



- Red (57%)
- Yellow (45%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (3%)
- Black (43%)





- Cyan (43%)
- Magenta (55%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 18.641, 330.613 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, 18.641, 330.613 by changing the saturation by 10% instead.


 52, 18.641,
330.613


 52, 18.641,
330.613


 100, 18.641,
330.613


 42, 18.641,
330.613


 72, 18.641,
330.613

 32, 18.641,
330.613

 82, 18.641,
330.613

 22, 18.641,
330.613

 92, 18.641,
330.613

 12, 18.641,
330.613

 2, 18.641, 330.613

 0, 18.641, 330.613

■ 52, 18.641,
330.613

■ 52, 18.641,
330.613

■ 48, 27.631,
331.239

■ 56, 9.593, 329.996

■ 45, 36.373,
331.874

■ 60, 0.627, 329.056

■ 64, 8.173, 148.896

■ 42, 44.595,
332.518

■ 68, 16.757,
148.340

■ 39, 51.961,
333.171

■ 72, 25.099,
147.818

■ 36, 58.096,
333.840

■ 76, 33.191,
147.326

■ 35, 62.649,
334.536

■ 81, 41.034,
146.860

■ 33, 65.395,
335.280

■ 85, 48.637,
146.420

■ 33, 66.766,

336.015

 89, 56.011,
146.006

Harmonies

Complementary

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



52, 18.641, 330.613



57, 18.583, 148.013

Rectangle

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



52, 18.641, 330.613



52, 18.641, 20.613



52, 18.641, 150.613



52, 18.641, 200.613

Sweetspot

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



52, 18.639, 330.614



74, 6.654, 329.706



50, 17.712, 297.770



38, 4.401, 329.743



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, 18.639, 330.614



64, 27.937, 330.914



52, 13.607, 354.583



28, 4.998, 329.900



30, 63.515, 335.956



1, 3.355, 329.388

Inverse Universe

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



52, 18.639, 330.614



64, 27.937, 330.914



58, 12.966, 170.703



28, 4.998, 329.900



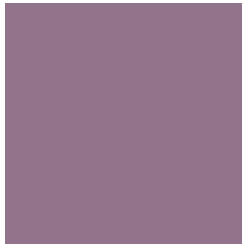
30, 63.515, 335.956



1, 3.355, 329.388

Previews

White Background



This preview shows how the CIELCh color 52, 18.641, 330.613 looks on a white background.

Color Contrast Check

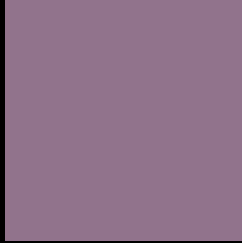
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.641, 330.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

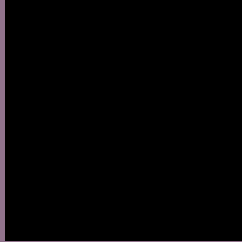
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 18.641, 330.613

Background



This preview shows how black text looks on a background with the CIELCh color 52, 18.641, 330.613.



This preview shows how white text looks on a background with the CIELCh color 52, 18.641, 330.613.

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, 18.641, 330.613

Protanopia

52, 12.807, 286.820

Deuteranopia

52, 10.953, 307.704



Tritanopia
52, 11.756, 354.557

Trichromacy



Original Color
52, 18.641, 330.613

Protanomaly
52, 13.866, 306.009

Deuteranomaly
52, 13.226, 319.416

Tritanomaly
52, 14.173, 343.349

Monochromacy



Original Color
52, 18.641, 330.613

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 6.820, 330.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 18.641, 330.613 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(145, 115, 140)` looks like.

```
.text, #text, p{  
    color:rgb(145, 115, 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(145, 115, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 115, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 18.641, 330.613 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(145, 115, 140) }
```

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

```
.border{ border-color:rgb(145, 115, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 115, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 115, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 115, 140);  
box-shadow:4px 4px 4px 4px rgb(145, 115,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 18.641, 330.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 115, 140) }
```

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

```
.background{ background-color: rgb(145,  
115, 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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