

Converting Colors

CIELCh(52, 19.658, 329.628)

Have a look what the booklet for
CIELCh(52, 19.658, 329.628)
contains.

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Color

CIELCh(52, 19.079, 329.494)

Conversions

Conversions Part 1

Format	Color
Hex	91738D
RGB	145, 115, 141
RGB Percent	57%, 45%, 55%
CMY	0.4321, 0.5497, 0.4477
CMYK	0.00, 0.21, 0.03, 0.43
HSL	308°, 12%, 51%
HSV	308°, 21%, 57%
XYZ	22.5520, 20.1443, 27.8308
YIQ	126.9340, 9.5340, 14.4460

Conversions

Conversions Part 2

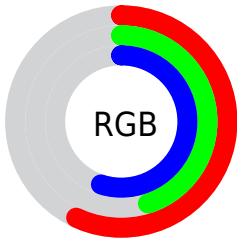
Format	Color
R _Y B	145, 115, 141
Decimal	9532301
CIE Lab	52.00, 16.44, -9.69
CIE LCh	52, 19.079, 329.494
Yxy	20.1443, 0.3198, 0.2856
Android (android.graphics.Color)	4287722381 (0xFF91738D)
YUV	126.9340, 6.9345, 15.8439
Hunter-Lab	44.8824, 11.1463, -5.3470

Details

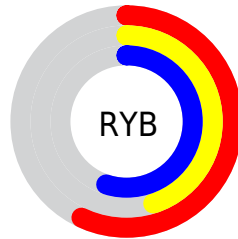
The CIELCh color $52, 19.079, 329.494$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 19.034, 146.951$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 19.283, 328.974$, and $32, 18.840, 329.172$ is the 20% darker color. If you saturate the color by 10%, you get $48, 28.269, 330.094$, and if you desaturate by 10%, it is $56, 9.825, 328.896$.

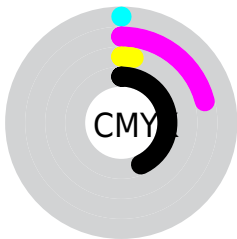
Distribution



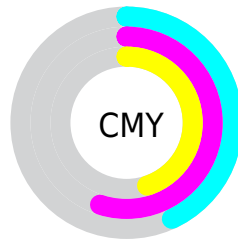
- Red (57%)
- Green (45%)
- Blue (55%)



- 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, 19.079, 329.494 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, 19.079, 329.494 by changing the saturation by 10% instead.

 52, 19.079,
329.494

 52, 19.079,
329.494

 100, 19.079,
329.494


 42, 19.079,
329.494

 72, 19.079,
329.494

 32, 19.079,
329.494

 82, 19.079,
329.494

 22, 19.079,
329.494

 92, 19.079,
329.494

 12, 19.079,
329.494

 2, 19.079, 329.494

 0, 19.079, 329.494

■ 52, 19.079,
329.494

■ 52, 19.079,
329.494

■ 48, 28.269,
330.094

■ 56, 9.825, 328.896

■ 60, 0.651, 327.995

■ 45, 37.198,
330.695

■ 64, 8.357, 147.821

■ 42, 45.595,
331.293

■ 68, 17.146,
147.274

■ 39, 53.119,
331.885

■ 72, 25.688,
146.761

■ 37, 59.396,
332.471

■ 76, 33.974,
146.276

■ 35, 64.080,
333.056


■ 80, 42.005,
145.816

■ 34, 66.952,
333.656

■ 85, 49.788,
145.383

■ 33, 68.440,

334.229

 89, 57.335,
144.975

Harmonies

Complementary

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



52, 19.079, 329.494



57, 19.034, 146.951

Rectangle

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



52, 19.079, 329.494



52, 19.079, 19.494



52, 19.079, 149.494



52, 19.079, 199.494

Sweetspot

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



52, 19.077, 329.494



74, 6.813, 328.615



50, 17.678, 296.586



38, 4.506, 328.650



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, 19.077, 329.494



64, 28.590, 329.783



52, 13.846, 352.403



28, 5.116, 328.803



31, 65.126, 334.186



1, 3.435, 328.303

Inverse Universe

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



52, 19.077, 329.494



64, 28.590, 329.783



58, 13.273, 168.581



28, 5.116, 328.803



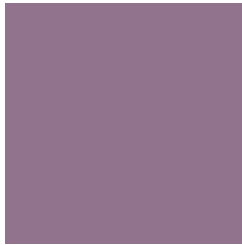
31, 65.126, 334.186



1, 3.435, 328.303

Previews

White Background



This preview shows how the CIELCh color 52, 19.079, 329.494 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, 19.079, 329.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

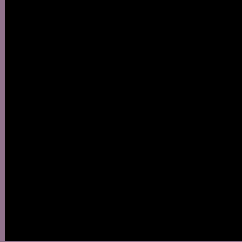
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 19.079, 329.494

Background



This preview shows how black text looks on a background with the CIELCh color 52, 19.079, 329.494.



This preview shows how white text looks on a background with the CIELCh color 52, 19.079, 329.494.

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, 19.079, 329.494

Protanopia

52, 13.384, 287.121

Deuteranopia

52, 11.510, 306.917



Tritanopia
52, 11.756, 354.557

Trichromacy



Original Color
52, 19.079, 329.494

Protanomaly
52, 14.428, 305.469

Deuteranomaly
52, 13.736, 318.277

Tritanomaly
52, 14.173, 343.349

Monochromacy



Original Color
52, 19.079, 329.494

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 6.573, 327.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 19.079, 329.494 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(145, 115, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 115, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 19.079, 329.494 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, 141) }
```

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

```
.border{ border-color:rgb(145, 115, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 115, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 115, 141);  
box-shadow:4px 4px 4px 4px rgb(145, 115,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 19.079, 329.494 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, 141) }
```

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

```
.background{ background-color: rgb(145,  
115, 141) }
```

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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