

Converting Colors

CIELCh(52, 16.115, 311.179)

Have a look what the booklet for
CIELCh(52, 16.115, 311.179)
contains.

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Color

CIELCh(52, 16.092, 311.174)

Conversions

Conversions Part 1

Format	Color
Hex	857791
RGB	133, 119, 145
RGB Percent	52%, 47%, 57%
CMY	0.4793, 0.5342, 0.4323
CMYK	0.08, 0.18, 0.00, 0.43
HSL	272°, 11%, 52%
HSV	272°, 18%, 57%
XYZ	21.2987, 20.1443, 29.4585
YIQ	126.1500, -0.0020, 11.0540

Conversions

Conversions Part 2

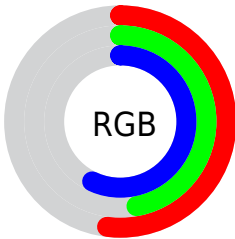
Format	Color
R_{YB}	133, 119, 145
Decimal	8746897
CIE _{Lab}	52.00, 10.59, -12.11
CIE _{LCh}	52, 16.092, 311.174
Yxy	20.1443, 0.3004, 0.2841
Android (android.graphics.Color)	4286936977 (0xFF857791)
YUV	126.1500, 9.2931, 6.0075
Hunter-Lab	44.8824, 6.1618, -7.4971

Details

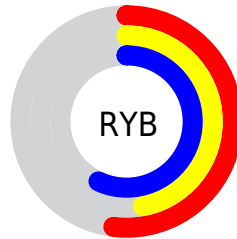
The CIELCh color $52, 16.092, 311.174$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $58, 15.744, 129.632$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 16.264, 310.918$, and $32, 16.029, 310.181$ is the 20% darker color. If you saturate the color by 10%, you get $48, 25.348, 311.652$, and if you desaturate by 10%, it is $56, 7.037, 310.717$.

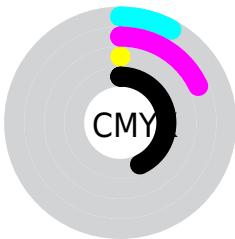
Distribution



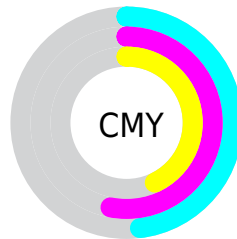
- Red (52%)
- Green (47%)
- Blue (57%)



- Red (52%)
- Yellow (47%)
- Blue (57%)



- Cyan (8%)
- Magenta (18%)
- Yellow (0%)
- Black (43%)





- Cyan (48%)
- Magenta (53%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 16.092, 311.174 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, 16.092, 311.174 by changing the saturation by 10% instead.


 52, 16.092,
311.174


 52, 16.092,
311.174


 100, 16.092,
311.174


 42, 16.092,
311.174


 72, 16.092,
311.174

 32, 16.092,
311.174

 82, 16.092,
311.174

 22, 16.092,
311.174

 92, 16.092,
311.174

 12, 16.092,
311.174

 2, 16.092, 311.174

 0, 16.092, 311.174

52, 16.092,
311.174

52, 16.092,
311.174

48, 25.348,
311.652

56, 7.037, 310.717

43, 34.740,
312.145

61, 1.777, 130.376

39, 44.141,
312.630

66, 10.336,
129.954

35, 53.341,
313.071

70, 18.641,
129.613

31, 62.008,
313.412

75, 26.694,
129.313

28, 69.675,
313.578

79, 34.506,
129.048


25, 75.772,
313.474


83, 42.088,
128.816

23, 80.127,

88, 49.451,
128.614

313.089

 92, 56.609,
128.439

 22, 81.015,
313.026

Harmonies

Complementary

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



52, 16.092, 311.174



58, 15.744, 129.632

Rectangle

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



52, 16.092, 311.174



52, 16.092, 1.174



52, 16.092, 131.174



52, 16.092, 181.174

Sweetspot

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



52, 16.090, 311.173



74, 5.474, 310.587



54, 9.050, 261.446



38, 3.725, 310.616



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, 16.090, 311.173



64, 24.612, 311.386



53, 17.698, 326.301



28, 4.948, 310.771



21, 77.020, 313.096



0, 3.304, 310.397

Inverse Universe

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



53, 12.517, 347.325



65, 19.126, 347.778



57, 17.679, 144.244



28, 3.852, 346.491



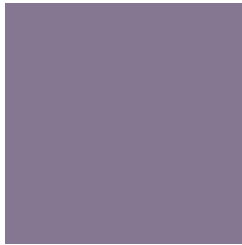
28, 52.720, 4.375



1, 2.571, 345.770

Previews

White Background



This preview shows how the CIELCh color 52, 16.092, 311.174 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, 16.092, 311.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

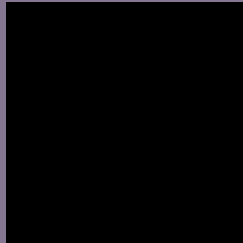
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 16.092, 311.174

Background



This preview shows how black text looks on a background with the CIELCh color 52, 16.092, 311.174.



This preview shows how white text looks on a background with the CIELCh color 52, 16.092, 311.174.

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

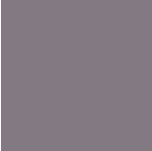
52, 16.092, 311.174

Protanopia

52, 14.563, 286.248

Deuteranopia

52, 13.548, 299.781



Tritanopia
52, 7.060, 324.817

Trichromacy



Original Color
52, 16.092, 311.174

Protanomaly
52, 15.195, 296.239

Deuteranomaly
52, 14.343, 303.994

Tritanomaly
52, 10.458, 317.766

Monochromacy



Original Color
52, 16.092, 311.174

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 6.153, 309.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 16.092, 311.174 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(133, 119, 145)` looks like.

```
.text, #text, p{  
    color:rgb(133, 119, 145)  
}
```

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(133, 119, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 119, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 16.092, 311.174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

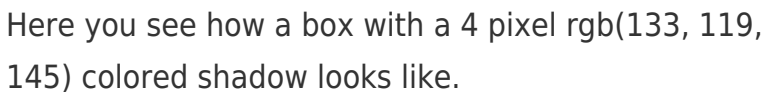
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 119, 145) }
```

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

```
.border{ border-color:rgb(133, 119, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 119, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 119, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 119, 145);  
box-shadow:4px 4px 4px 4px rgb(133, 119,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 16.092, 311.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 119, 145) }
```

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

```
.background{ background-color: rgb(133,  
119, 145) }
```

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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