

Converting Colors

CIELCh(56, 32.502, 303.399)

Have a look what the booklet for
CIELCh(56, 32.502, 303.399)
contains.

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Color

CIELCh(56, 32.119, 303.542)

Conversions

Conversions Part 1

Format	Color
Hex	8E7EB5
RGB	142, 126, 181
RGB Percent	56%, 49%, 71%
CMY	0.4441, 0.5068, 0.2912
CMYK	0.22, 0.30, 0.00, 0.29
HSL	257°, 27%, 60%
HSV	257°, 30%, 71%
XYZ	26.8544, 23.9124, 46.7747
YIQ	137.0540, -8.1190, 20.4970

Conversions

Conversions Part 2

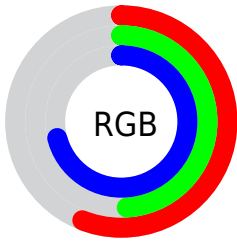
Format	Color
R_{YB}	142, 126, 181
Decimal	9338549
CIE _{Lab}	56.00, 17.75, -26.77
CIE _{LCh}	56, 32.119, 303.542
Yxy	23.9124, 0.2753, 0.2452
Android (android.graphics.Color)	4287528629 (0xFF8E7EB5)
YUV	137.0540, 21.6654, 4.3376
Hunter-Lab	48.9003, 12.4506, -22.4826

Details

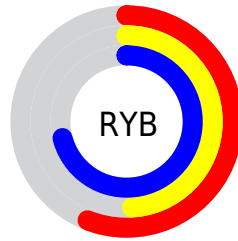
The CIELCh color $56, 32.119, 303.542$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $71, 30.212, 119.684$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 31.908, 303.182$, and $36, 32.131, 303.726$ is the 20% darker color. If you saturate the color by 10%, you get $50, 43.374, 304.399$, and if you desaturate by 10%, it is $62, 21.190, 302.767$.

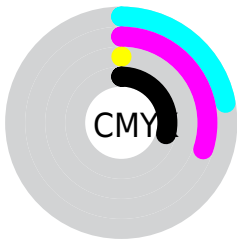
Distribution



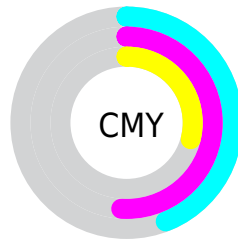
- Red (56%)
- Green (49%)
- Blue (71%)



- Red (56%)
- Yellow (49%)
- Blue (71%)



- Cyan (22%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)





- Cyan (44%)
- Magenta (51%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 32.119, 303.542 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 56, 32.119, 303.542 by changing the saturation by 10% instead.


 56, 32.119,
303.542


 56, 32.119,
303.542


 100, 32.119,
303.542


 46, 32.119,
303.542


 76, 32.119,
303.542


 36, 32.119,
303.542


 86, 32.119,
303.542

 26, 32.119,
303.542

 96, 32.119,
303.542

 16, 32.119,
303.542

 6, 32.119, 303.542

 0, 32.119, 303.542

56, 32.119,
303.542

56, 32.119,
303.542

50, 43.374,
304.399

62, 21.190,
302.767

45, 54.863,
305.322

68, 10.626,
302.078

39, 66.371,
306.270

73, 0.429, 301.383

34, 77.479,
307.162

79, 9.409, 120.959

30, 87.457,
307.871

85, 18.907,
120.502


26, 95.269,
308.220

90, 28.083,
120.109

24, 100.422,
308.223

96, 36.956,
119.770

98, 37.539,
113.614

 98, 37.283,
107.335

Harmonies

Complementary

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



56, 32.119, 303.542



71, 30.212, 119.684

Rectangle

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



56, 32.119, 303.542



56, 32.119, 353.542



56, 32.119, 123.542



56, 32.119, 173.542

Sweetspot

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



56, 32.118, 303.542



86, 11.320, 301.997



66, 15.644, 232.240



45, 7.879, 302.089



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



56, 32.118, 303.542



67, 48.866, 304.152



59, 34.806, 319.629



35, 5.706, 302.007



19, 88.670, 308.340



1, 13.502, 298.936

Inverse Universe

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



59, 30.101, 336.070



72, 45.099, 336.647



69, 34.287, 136.752



35, 5.507, 334.507



34, 63.590, 343.909



2, 12.298, 338.289

Previews

White Background



This preview shows how the CIELCh color 56, 32.119, 303.542 looks on a white background.

Color Contrast Check

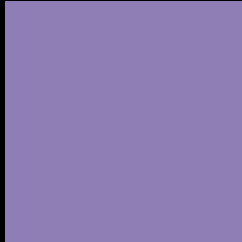
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 32.119, 303.542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

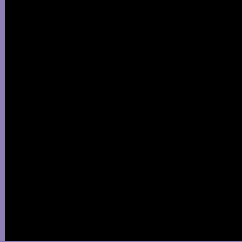
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 32.119, 303.542

Background



This preview shows how black text looks on a background with the CIELCh color 56, 32.119, 303.542.



This preview shows how white text looks on a background with the CIELCh color 56, 32.119, 303.542.

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
56, 32.119, 303.542

Protanopia
56, 31.076, 285.473

Deuteranopia
56, 27.016, 286.268



Tritanopia
56, 5.795, 298.466

Trichromacy



Original Color
56, 32.119, 303.542

Protanomaly
56, 30.932, 291.920

Deuteranomaly
56, 28.655, 292.823

Tritanomaly
56, 15.759, 301.393

Monochromacy



Original Color
56, 32.119, 303.542

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 11.700, 302.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 32.119, 303.542 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(142, 126, 181)` looks like.

```
.text, #text, p{  
    color:rgb(142, 126, 181)  
}
```

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(142, 126, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 126, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 32.119, 303.542 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(142, 126, 181) }
```

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

```
.border{ border-color:rgb(142, 126, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 126, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 126, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 126, 181);  
box-shadow:4px 4px 4px 4px rgb(142, 126,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 32.119, 303.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 126, 181) }
```

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

```
.background{ background-color: rgb(142,  
126, 181) }
```

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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