

Converting Colors

CIELCh(56, 29.753, 313.701)

Have a look what the booklet for
CIELCh(56, 29.753, 313.701)
contains.

CIELCh(56, 30.054, 313.452)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 30.054, 313.452)

Conversions

Conversions Part 1

Format	Color
Hex	987BAC
RGB	152, 123, 172
RGB Percent	60%, 48%, 67%
CMY	0.4029, 0.5167, 0.3245
CMYK	0.12, 0.28, 0.00, 0.32
HSL	276°, 23%, 58%
HSV	276°, 28%, 68%
XYZ	27.5784, 23.9124, 42.3188
YIQ	137.2570, 1.5550, 21.3870

Conversions

Conversions Part 2

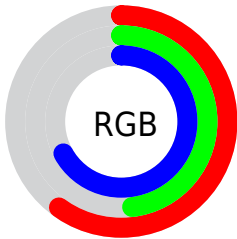
Format	Color
R_{YB}	152, 123, 172
Decimal	9993132
CIE _{Lab}	56.00, 20.67, -21.82
CIE _{LCh}	56, 30.054, 313.452
Yxy	23.9124, 0.2940, 0.2549
Android (android.graphics.Color)	4288183212 (0xFF987BAC)
YUV	137.2570, 17.1283, 12.9296
Hunter-Lab	48.9003, 15.0933, -17.0798

Details

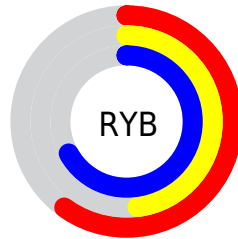
The CIELCh color $56, 30.054, 313.452$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $67, 29.147, 130.942$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 30.129, 313.351$, and $36, 30.201, 312.995$ is the 20% darker color. If you saturate the color by 10%, you get $51, 40.916, 313.915$, and if you desaturate by 10%, it is $61, 19.290, 312.991$.

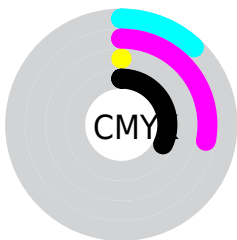
Distribution



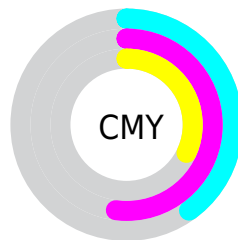
- Red (60%)
- Green (48%)
- Blue (67%)



- Red (60%)
- Yellow (48%)
- Blue (67%)



- Cyan (12%)
- Magenta (28%)
- Yellow (0%)
- Black (32%)





- Cyan (40%)
- Magenta (52%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 30.054, 313.452 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, 30.054, 313.452 by changing the saturation by 10% instead.


 56, 30.054,
313.452


 56, 30.054,
313.452


 100, 30.054,
313.452


 46, 30.054,
313.452


 76, 30.054,
313.452

 36, 30.054,
313.452

 86, 30.054,
313.452

 26, 30.054,
313.452

 96, 30.054,
313.452

 16, 30.054,
313.452

 6, 30.054, 313.452

 0, 30.054, 313.452

56, 30.054,
313.452

56, 30.054,
313.452

51, 40.916,
313.915

61, 19.290,
312.991

46, 51.704,
314.355

66, 8.732, 312.545

42, 62.133,
314.733

71, 1.566, 132.236

38, 71.780,
314.993

76, 11.577,
131.789

34, 80.079,
315.059

82, 21.295,
131.444

31, 86.397,
314.842

87, 30.721,
131.138


29, 90.539,
314.321

92, 39.864,
130.866

29, 91.143,

95, 45.277,
129.703

314.244

 96, 44.280,
126.713

Harmonies

Complementary

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



56, 30.054, 313.452



67, 29.147, 130.942

Rectangle

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



56, 30.054, 313.452



56, 30.054, 3.452



56, 30.054, 133.452



56, 30.054, 183.452

Sweetspot

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



56, 30.052, 313.452



84, 11.537, 312.577



59, 17.414, 268.269



43, 8.021, 312.639



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



56, 30.052, 313.452



68, 44.751, 313.738



58, 31.247, 328.380



34, 5.885, 312.583



25, 82.429, 314.363



1, 12.038, 308.928

Inverse Universe

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



57, 22.404, 351.752



70, 33.326, 352.531



66, 31.220, 144.793



34, 4.377, 349.690



32, 57.066, 9.969



2, 8.714, 353.718

Previews

White Background



This preview shows how the CIELCh color 56, 30.054, 313.452 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, 30.054, 313.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

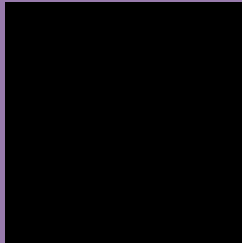
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 30.054, 313.452

Background



This preview shows how black text looks on a background with the CIELCh color 56, 30.054, 313.452.



This preview shows how white text looks on a background with the CIELCh color 56, 30.054, 313.452.

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, 30.054, 313.452

Protanopia

56, 26.489, 284.618

Deuteranopia

56, 22.336, 290.118



Tritanopia
56, 9.500, 338.985

Trichromacy



Original Color
56, 30.054, 313.452

Protanomaly
56, 27.587, 295.487

Deuteranomaly
56, 24.318, 299.589

Tritanomaly
56, 16.655, 321.900

Monochromacy



Original Color
56, 30.054, 313.452

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 10.483, 312.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 30.054, 313.452 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(152, 123, 172)` looks like.

```
.text, #text, p{  
    color:rgb(152, 123, 172)  
}
```

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(152, 123, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 123, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 30.054, 313.452 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(152, 123, 172) }
```

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

```
.border{ border-color:rgb(152, 123, 172) }
```

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

Here you see how a box with a 4 pixel rgb(152, 123, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 123, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 123, 172);  
box-shadow:4px 4px 4px 4px rgb(152, 123,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 30.054, 313.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 123, 172) }
```

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

```
.background{ background-color: rgb(152,  
123, 172) }
```

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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