

Converting Colors

CIELCh(56, 16.627, 324.364)

Have a look what the booklet for
CIELCh(56, 16.627, 324.364)
contains.

| | |
|--|----|
| CIELCh(56, 16.372, 324.120) | 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, 16.372, 324.120)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 967F97 |
| RGB | 150, 127, 151 |
| RGB Percent | 59%, 50%, 59% |
| CMY | 0.4116, 0.5018, 0.4077 |
| CMYK | 0.01, 0.16, 0.00, 0.41 |
| HSL | 298°, 10%, 55% |
| HSV | 298°, 16%, 59% |
| XYZ | 25.7688, 23.9124, 32.5529 |
| YIQ | 136.6130, 6.0040, 12.3400 |

Conversions

Conversions Part 2

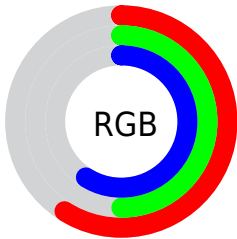
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 150, 127, 151 |
| Decimal | 9863063 |
| CIE Lab | 56.00, 13.27, -9.60 |
| CIE LCh | 56, 16.372, 324.120 |
| Yxy | 23.9124, 0.3134, 0.2908 |
| Android (android.graphics.Color) | 4288053143 (0xFF967F97) |
| YUV | 136.6130, 7.0928, 11.7404 |
| Hunter-Lab | 48.9003, 8.4880, -5.2391 |

Details

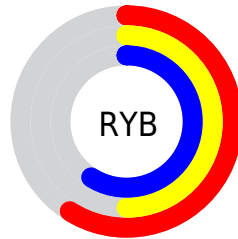
The CIELCh color $56, 16.372, 324.120$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 16.335, 142.432$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 16.097, 323.989$, and $36, 16.168, 324.278$ is the 20% darker color. If you saturate the color by 10%, you get $52, 26.727, 324.627$, and if you desaturate by 10%, it is $60, 6.034, 323.591$.

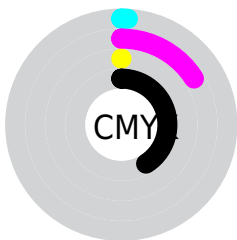
Distribution



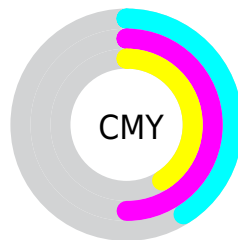
- Red (59%)
- Green (50%)
- Blue (59%)



- Red (59%)
- Yellow (50%)
- Blue (59%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (41%)





- Cyan (41%)
- Magenta (50%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 16.372, 324.120 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, 16.372, 324.120 by changing the saturation by 10% instead.


 56, 16.372,
324.120


 56, 16.372,
324.120


 100, 16.372,
324.120


 46, 16.372,
324.120


 76, 16.372,
324.120

 36, 16.372,
324.120

 86, 16.372,
324.120

 26, 16.372,
324.120

 96, 16.372,
324.120

 16, 16.372,
324.120

 6, 16.372, 324.120

 0, 16.372, 324.120

56, 16.372,
324.120

56, 16.372,
324.120

52, 26.727,
324.627

60, 6.034, 323.591

48, 36.922,
325.113

64, 4.161, 143.171

45, 46.703,
325.563

68, 14.136,
142.649

42, 55.745,
325.958

73, 23.849,
142.174

39, 63.665,
326.278

77, 33.276,
141.725

37, 70.077,
326.504

81, 42.412,
141.303


36, 74.678,
326.621


86, 51.261,
140.908

35, 77.419,

90, 59.830,
140.540

326.629

 92, 63.718,
140.304

 34, 78.346,
326.621

Harmonies

Complementary

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



56, 16.372, 324.120



60, 16.335, 142.432

Rectangle

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



56, 16.372, 324.120



56, 16.372, 14.120



56, 16.372, 144.120



56, 16.372, 194.120

Sweetspot

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



56, 16.370, 324.120



77, 6.341, 323.546



54, 13.144, 289.847



40, 4.362, 323.583



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



56, 16.370, 324.120



70, 24.272, 324.299



56, 12.122, 342.294



30, 5.864, 323.773



32, 74.219, 326.632



1, 6.291, 323.180

Inverse Universe

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



55, 9.803, 17.112



69, 14.697, 17.447



60, 11.937, 159.794



30, 3.441, 16.521



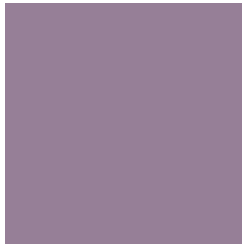
28, 64.730, 37.381



1, 3.605, 15.999

Previews

White Background



This preview shows how the CIELCh color 56, 16.372, 324.120 looks on a white background.

Color Contrast Check

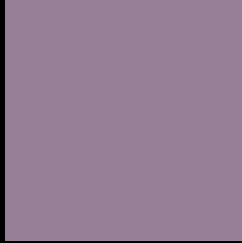
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.372, 324.120 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, 16.372, 324.120

Background



This preview shows how black text looks on a background with the CIELCh color 56, 16.372, 324.120.



This preview shows how white text looks on a background with the CIELCh color 56, 16.372, 324.120.

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, 16.372, 324.120

Protanopia

56, 12.630, 286.687

Deuteranopia

56, 11.460, 308.712



Tritanopia
56, 9.453, 343.260

Trichromacy



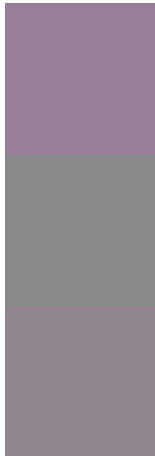
Original Color
56, 16.372, 324.120

Protanomaly
56, 13.420, 301.285

Deuteranomaly
56, 12.696, 316.269

Tritanomaly
56, 11.907, 334.627

Monochromacy



Original Color
56, 16.372, 324.120

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.257, 324.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 16.372, 324.120 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(150, 127, 151)` looks like.

```
.text, #text, p{  
    color:rgb(150, 127, 151)  
}
```

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(150, 127, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 127, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 16.372, 324.120 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(150, 127, 151) }
```

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

```
.border{ border-color:rgb(150, 127, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 127, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 127, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 127, 151);  
box-shadow:4px 4px 4px 4px rgb(150, 127,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 16.372, 324.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 127, 151) }
```

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

```
.background{ background-color: rgb(150,  
127, 151) }
```

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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