

Converting Colors

CIELCh(56, 15.224, 321.680)

Have a look what the booklet for
CIELCh(56, 15.224, 321.680)
contains.

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Color

CIELCh(56, 15.285, 321.537)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 948097 |
| RGB | 148, 128, 151 |
| RGB Percent | 58%, 50%, 59% |
| CMY | 0.4202, 0.4986, 0.4084 |
| CMYK | 0.02, 0.15, 0.00, 0.41 |
| HSL | 292°, 10%, 55% |
| HSV | 292°, 15%, 59% |
| XYZ | 25.4602, 23.9124, 32.4886 |
| YIQ | 136.6020, 4.5370, 11.3930 |

Conversions

Conversions Part 2

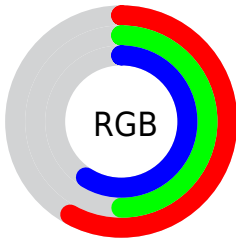
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 148, 128, 151 |
| Decimal | 9732247 |
| CIE _{Lab} | 56.00, 11.97, -9.51 |
| CIE _{LCh} | 56, 15.285, 321.537 |
| Yxy | 23.9124, 0.3110, 0.2921 |
| Android (android.graphics.Color) | 4287922327 (0xFF948097) |
| YUV | 136.6020, 7.0982, 9.9960 |
| Hunter-Lab | 48.9003, 7.3615, -5.1612 |

Details

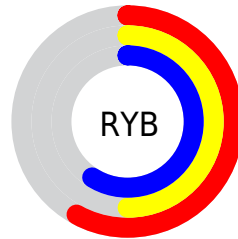
The CIELCh color $56, 15.285, 321.537$ is a dark color, and the websafe version is hex `999999`. A complement of this color would be $60, 15.208, 140.090$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 15.063, 321.541$, and $36, 15.015, 321.397$ is the 20% darker color. If you saturate the color by 10%, you get $52, 25.420, 322.001$, and if you desaturate by 10%, it is $60, 5.219, 321.053$.

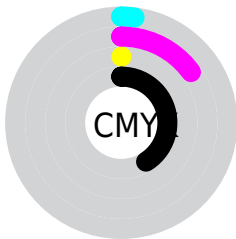
Distribution



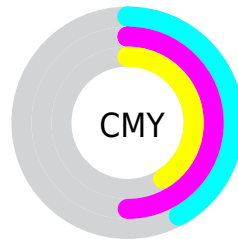
- Red (58%)
- Green (50%)
- Blue (59%)



- Red (58%)
- Yellow (50%)
- Blue (59%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)





- Cyan (42%)
- Magenta (50%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 15.285, 321.537 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, 15.285, 321.537 by changing the saturation by 10% instead.


 56, 15.285,
321.537


 56, 15.285,
321.537


 100, 15.285,
321.537


 46, 15.285,
321.537


 76, 15.285,
321.537

 36, 15.285,
321.537

 86, 15.285,
321.537

 26, 15.285,
321.537

 96, 15.285,
321.537

 16, 15.285,
321.537

 6, 15.285, 321.537

 0, 15.285, 321.537

56, 15.285,
321.537

56, 15.285,
321.537

52, 25.420,
322.001

60, 5.219, 321.053

48, 35.480,
322.446

64, 4.675, 140.677

44, 45.246,
322.854

69, 14.342,
140.216

41, 54.419,
323.202

73, 23.751,
139.799

38, 62.624,
323.460

77, 32.889,
139.410

36, 69.448,
323.597

82, 41.753,
139.048


34, 74.515,
323.582

86, 50.349,
138.713

32, 77.654,

91, 58.687,
138.404

323.399

 92, 61.974,
138.010

 32, 78.871,
323.292

Harmonies

Complementary

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



56, 15.285, 321.537



60, 15.208, 140.090

Rectangle

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



56, 15.285, 321.537



56, 15.285, 11.537



56, 15.285, 141.537



56, 15.285, 191.537

Sweetspot

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



56, 15.283, 321.537



77, 6.171, 321.046



55, 11.484, 285.902



40, 4.245, 321.079



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, 15.283, 321.537



70, 22.414, 321.683



56, 12.296, 338.196



30, 5.709, 321.252



30, 74.780, 323.322



1, 6.106, 320.495

Inverse Universe

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



56, 9.458, 10.018



69, 13.975, 10.354



60, 12.178, 155.991



30, 3.485, 9.405



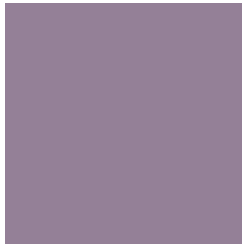
28, 61.590, 32.980



1, 3.666, 8.865

Previews

White Background



This preview shows how the CIELCh color 56, 15.285, 321.537 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, 15.285, 321.537 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, 15.285, 321.537

Background



This preview shows how black text looks on a background with the CIELCh color 56, 15.285, 321.537.



This preview shows how white text looks on a background with the CIELCh color 56, 15.285, 321.537.

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, 15.285, 321.537

Protanopia

56, 12.040, 288.102

Deuteranopia

56, 11.460, 308.712



Tritanopia
56, 8.528, 338.241

Trichromacy



Original Color
56, 15.285, 321.537

Protanomaly
56, 12.856, 301.674

Deuteranomaly
56, 12.541, 314.663

Tritanomaly
56, 11.119, 330.092

Monochromacy



Original Color
56, 15.285, 321.537

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 5.356, 321.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 15.285, 321.537 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(148, 128, 151)` looks like.

```
.text, #text, p{  
    color:rgb(148, 128, 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(148, 128, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 128, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 15.285, 321.537 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(148, 128, 151) }
```

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

```
.border{ border-color:rgb(148, 128, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 128, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 128, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 128, 151);  
box-shadow:4px 4px 4px 4px rgb(148, 128,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 15.285, 321.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 128, 151) }
```

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

```
.background{ background-color: rgb(148,  
128, 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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