Converting Colors

CIELCh(56, 25.521, 323.806)

Have a look what the booklet for CIELCh(56, 25.521, 323.806) contains.

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Color

CIELCh(56, 25.406, 323.445)

Conversions

Conversions Part 1

Format	Color
Hex	9E7BA1
RGB	158, 123, 161
RGB Percent	62%, 48%, 63%
CMY	0.3814, 0.5186, 0.3696
CMYK	0.02, 0.24, 0.00, 0.37
HSL	295°, 17%, 56%
HSV	295°, 24%, 63%
XYZ	27.5131, 23.9124, 36.7654
YIQ	137.7970, 8.6620, 19.2380

Conversions

Conversions Part 2

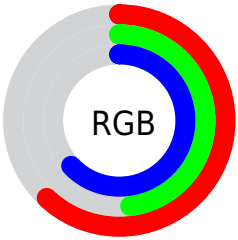
Format	Color
RYB	158, 123, 161
Decimal	10386337
CIELab	56.00, 20.41, -15.13
CIELCh	56, 25.406, 323.445
Yxy	23.9124, 0.3120, 0.2711
Android (android.graphics.Color)	4288576417 (0xFF9E7BA1)
YUV	137.7970, 11.4391, 17.7180
Hunter-Lab	48.9003, 14.8552, -10.3466

Details

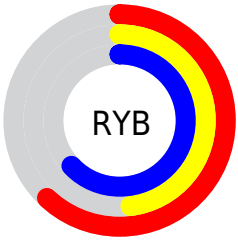
The CIELCh color 56, 25.406, 323.445 is a dark color, and the websafe version is hex 996699. A complement of this color would be 63, 25.301, 140.940, and the grayscale version is 57, 0.007, 296.813.

A 20% lighter version of the original color is 76, 25.317, 323.329, and 36, 25.062, 323.595 is the 20% darker color. If you saturate the color by 10%, you get 52, 36.116, 323.919, and if you desaturate by 10%, it is 60, 14.599, 322.952.

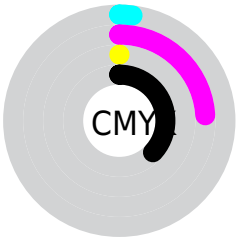
Distribution



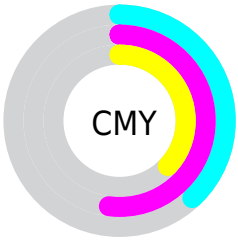
- Red (62%)
- Green (48%)
- Blue (63%)



- Red (62%)
- Yellow (48%)
- Blue (63%)



- Cyan (2%)
- Magenta (24%)
- Yellow (0%)
- Black (37%)



- Cyan (38%)
- Magenta (52%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 25.406, 323.445 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, 25.406, 323.445 by changing the saturation by 10% instead.

56, 25.406, 323.445

100, 25.406, 323.445

76, 25.406, 323.445

86, 25.406, 323.445

96, 25.406, 323.445

56, 25.406, 323.445

46, 25.406, 323.445

36, 25.406, 323.445

26, 25.406, 323.445

16, 25.406, 323.445

6, 25.406, 323.445

0, 25.406, 323.445

56, 25.406, 323.445

52, 36.116, 323.919

48, 46.495, 324.359

45, 56.221, 324.744

42, 64.900, 325.050

39, 72.104, 325.253

38, 77.460, 325.330

36, 80.768, 325.268

36, 82.231,

56, 25.406, 323.445

60, 14.599, 322.952

65, 3.865, 322.426

69, 6.689, 142.030

73, 16.997, 141.549

78, 27.024, 141.103

83, 36.754, 140.684

87, 46.184, 140.293

92, 55.322, 139.928

325.186

93, 57.169, 139.598

Harmonies

Complementary

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

56, 25.406, 323.445

63, 25.301, 140.940

Rectangle

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

56, 25.406, 323.445

56, 25.406, 13.445

56, 25.406, 143.445

56, 25.406, 193.445

Sweetspot

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

56, 25.404, 323.445

80, 9.248, 322.622

54, 20.125, 289.441

42, 5.999, 322.650

92, 0.011, 296.813

44, 0.006, 296.813

Same Dimension

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

56, 25.404, 323.445

69, 37.295, 323.680

56, 19.501, 341.294

32, 6.117, 322.733

32, 76.379, 325.212

1, 9.393, 321.630

Inverse Universe

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

55, 15.765, 14.986

68, 23.499, 15.586

63, 19.139, 157.478

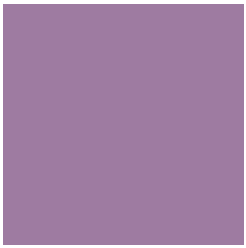
32, 3.644, 13.516

30, 65.358, 36.009

1, 5.501, 13.473

Previews

White Background

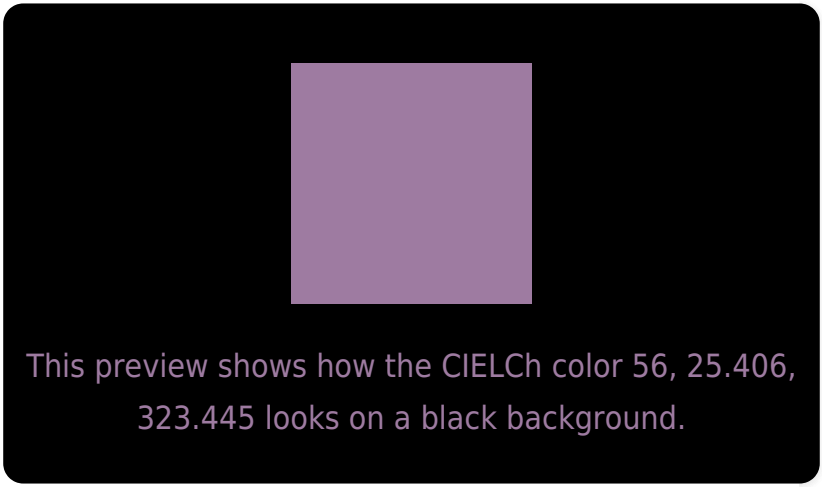


This preview shows how the CIELCh color 56, 25.406, 323.445 looks on a white background.

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



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, 25.406, 323.445

Background

This preview shows how black text looks on a background with the CIELCh color 56, 25.406, 323.445.

This preview shows how white text looks on a background with the CIELCh color 56, 25.406, 323.445.

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, 25.406, 323.445

Protanopia
56, 20.121, 285.581

Deuteranopia
56, 16.157, 297.236

Tritanopia
56, 12.188, 352.906

Trichromacy

Original Color
56, 25.406, 323.445

Protanomaly
56, 20.978, 301.426

Deuteranomaly
56, 19.258, 308.917

Tritanomaly
56, 16.766, 335.597

Monochromacy

Original Color
56, 25.406, 323.445

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.491, 322.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 25.406, 323.445 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(158, 123, 161) looks like.

```
.text, #text, p{
    color:rgb(158, 123, 161)
}
```

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(158, 123, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 123, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 25.406, 323.445 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(158, 123, 161) }
```

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

```
.border{ border-color:rgb(158, 123, 161) }
```

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

Here you see how a box with a 4 pixel rgb(158, 123, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 123, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 123, 161); box-shadow:4px 4px 4px 4px rgb(158, 123, 161) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 25.406, 323.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(158, 123, 161) }
```

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

```
.background{ background-color:rgb(158,
123, 161) }
```

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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