

Converting Colors

CIELCh(56, 19.202, 321.485)

Have a look what the booklet for
CIELCh(56, 19.202, 321.485)
contains.

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Color

CIELCh(56, 19.178, 321.480)

Conversions

Conversions Part 1

Format	Color
Hex	977E9B
RGB	151, 126, 155
RGB Percent	59%, 49%, 61%
CMY	0.4074, 0.5054, 0.3917
CMYK	0.03, 0.19, 0.00, 0.39
HSL	292°, 13%, 55%
HSV	292°, 19%, 61%
XYZ	26.1866, 23.9124, 34.2981
YIQ	136.7810, 5.5910, 14.3190

Conversions

Conversions Part 2

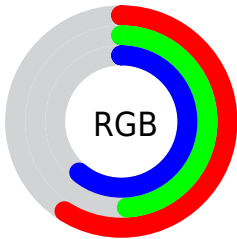
Format	Color
R_{YB}	151, 126, 155
Decimal	9928347
CIE _{Lab}	56.00, 15.00, -11.94
CIE _{LCh}	56, 19.178, 321.480
Yxy	23.9124, 0.3103, 0.2833
Android (android.graphics.Color)	4288118427 (0xFF977E9B)
YUV	136.7810, 8.9820, 12.4701
Hunter-Lab	48.9003, 10.0129, -7.3550

Details

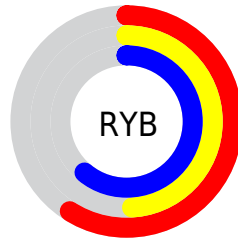
The CIELCh color $56, 19.178, 321.480$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 19.062, 139.681$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 18.750, 321.426$, and $36, 19.181, 321.461$ is the 20% darker color. If you saturate the color by 10%, you get $52, 29.524, 321.937$, and if you desaturate by 10%, it is $60, 8.861, 321.009$.

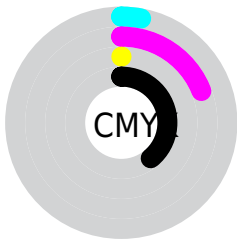
Distribution



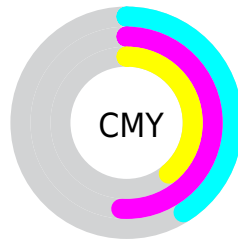
- Red (59%)
- Green (49%)
- Blue (61%)



- Red (59%)
- Yellow (49%)
- Blue (61%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)





- Cyan (41%)
- Magenta (51%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 19.178, 321.480 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, 19.178, 321.480 by changing the saturation by 10% instead.


 56, 19.178,
321.480


 56, 19.178,
321.480


 100, 19.178,
321.480


 46, 19.178,
321.480


 76, 19.178,
321.480

 36, 19.178,
321.480

 86, 19.178,
321.480

 26, 19.178,
321.480

 96, 19.178,
321.480

 16, 19.178,
321.480

 6, 19.178, 321.480

 0, 19.178, 321.480

■ 56, 19.178,
321.480

■ 56, 19.178,
321.480

■ 52, 29.524,
321.937

■ 60, 8.861, 321.009

■ 48, 39.731,
322.370

■ 65, 1.307, 140.720

■ 44, 49.546,
322.758

■ 69, 11.259,
140.156

■ 41, 58.635,
323.075

■ 73, 20.954,
139.732

■ 38, 66.592,
323.289

■ 78, 30.374,
139.337

■ 36, 72.990,
323.367

■ 82, 39.515,
138.969

■ 34, 77.483,
323.279


■ 87, 48.380,
138.628

■ 33, 80.232,

■ 91, 56.978,
138.315

323.040

 93, 59.306,
137.847

 33, 80.570,
323.008

Harmonies

Complementary

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



56, 19.178, 321.480



61, 19.062, 139.681

Rectangle

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



56, 19.178, 321.480



56, 19.178, 11.480



56, 19.178, 141.480



56, 19.178, 191.480

Sweetspot

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



56, 19.176, 321.480



78, 7.550, 320.882



55, 14.223, 285.513



41, 5.050, 320.912



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



56, 19.176, 321.480



70, 27.966, 321.652



56, 15.644, 337.714



30, 5.697, 321.034



29, 74.841, 323.052



1, 6.092, 320.270

Inverse Universe

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



56, 12.007, 9.816



69, 17.667, 10.248



61, 15.482, 154.979



30, 3.491, 8.817



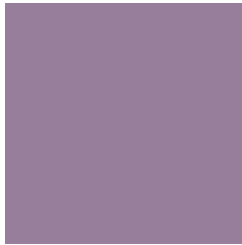
28, 61.292, 32.506



1, 3.674, 8.278

Previews

White Background



This preview shows how the CIELCh color 56, 19.178, 321.480 looks on a white background.

Color Contrast Check

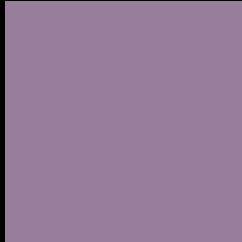
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.178, 321.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

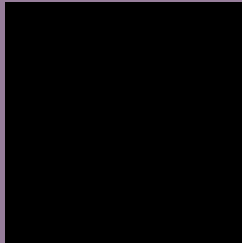
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 19.178, 321.480

Background



This preview shows how black text looks on a background with the CIELCh color 56, 19.178, 321.480.



This preview shows how white text looks on a background with the CIELCh color 56, 19.178, 321.480.

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, 19.178, 321.480

Protanopia

56, 15.499, 286.682

Deuteranopia

56, 13.489, 302.853



Tritanopia
56, 9.772, 344.730

Trichromacy



Original Color
56, 19.178, 321.480

Protanomaly
56, 16.323, 301.101

Deuteranomaly
56, 15.341, 311.823

Tritanomaly
56, 12.990, 332.399

Monochromacy



Original Color
56, 19.178, 321.480

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 7.226, 319.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 19.178, 321.480 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(151, 126, 155)` looks like.

```
.text, #text, p{  
    color:rgb(151, 126, 155)  
}
```

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(151, 126, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 126, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 19.178, 321.480 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(151, 126, 155) }
```

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

```
.border{ border-color:rgb(151, 126, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 126, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 126, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 126, 155); box-shadow:4px 4px 4px 4px rgb(151, 126, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 19.178, 321.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 126, 155) }
```

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

```
.background{ background-color: rgb(151,  
126, 155) }
```

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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