

Converting Colors

CIELCh(56, 18.798, 323.688)

Have a look what the booklet for
CIELCh(56, 18.798, 323.688)
contains.

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Color

CIELCh(56, 18.884, 323.392)

Conversions

Conversions Part 1

Format	Color
Hex	987E9A
RGB	152, 126, 154
RGB Percent	60%, 49%, 60%
CMY	0.4041, 0.5060, 0.3963
CMYK	0.01, 0.18, 0.00, 0.40
HSL	296°, 12%, 55%
HSV	296°, 18%, 60%
XYZ	26.2238, 23.9124, 33.7845
YIQ	136.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

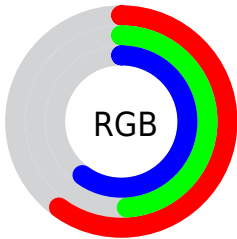
Format	Color
R_{YB}	152, 126, 154
Decimal	9993882
CIE _{Lab}	56.00, 15.16, -11.26
CIE _{LCh}	56, 18.884, 323.392
Y _{xy}	23.9124, 0.3125, 0.2849
Android (android.graphics.Color)	4288183962 (0xFF987E9A)
YUV	136.9660, 8.3978, 13.1848
Hunter-Lab	48.9003, 10.1488, -6.7324

Details

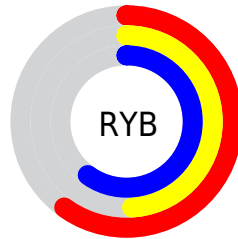
The CIELCh color $56, 18.884, 323.392$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 18.821, 141.505$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 18.478, 323.266$, and $36, 18.852, 323.530$ is the 20% darker color. If you saturate the color by 10%, you get $52, 29.314, 323.880$, and if you desaturate by 10%, it is $60, 8.452, 322.888$.

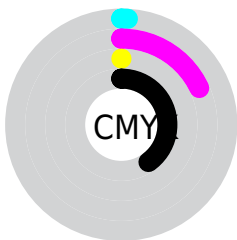
Distribution



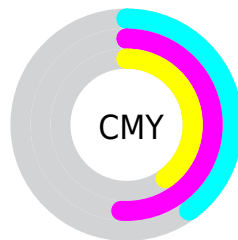
- Red (60%)
- Green (49%)
- Blue (60%)



- Red (60%)
- Yellow (49%)
- Blue (60%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)





- Cyan (40%)
- Magenta (51%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 18.884, 323.392 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, 18.884, 323.392 by changing the saturation by 10% instead.


 56, 18.884,
323.392


 56, 18.884,
323.392


 100, 18.884,
323.392


 46, 18.884,
323.392


 76, 18.884,
323.392

 36, 18.884,
323.392

 86, 18.884,
323.392

 26, 18.884,
323.392

 96, 18.884,
323.392

 16, 18.884,
323.392

 6, 18.884, 323.392

 0, 18.884, 323.392

56, 18.884,
323.392

56, 18.884,
323.392

52, 29.314,
323.880

60, 8.452, 322.888

48, 39.555,
324.343

64, 1.849, 142.532

45, 49.341,
324.764

69, 11.939,
141.967

42, 58.329,
325.122

73, 21.771,
141.505

39, 66.120,
325.392

77, 31.322,
141.070

37, 72.319,
325.552

82, 40.582,
140.662


35, 76.627,
325.585

86, 49.556,
140.281

34, 79.190,

91, 58.251,
139.927

325.500

 92, 61.373,
139.641

 34, 79.615,
325.482

Harmonies

Complementary

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



56, 18.884, 323.392



61, 18.821, 141.505

Rectangle

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



56, 18.884, 323.392



56, 18.884, 13.392



56, 18.884, 143.392



56, 18.884, 193.392

Sweetspot

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



56, 18.882, 323.392



78, 6.349, 322.722



54, 14.799, 288.683



40, 4.322, 322.758



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, 18.882, 323.392



69, 28.183, 323.601



56, 14.439, 340.813



30, 5.811, 322.941



31, 74.372, 325.504



1, 6.226, 322.279

Inverse Universe

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



55, 11.498, 14.976



68, 17.381, 15.430



61, 14.228, 157.989



30, 3.449, 14.115



28, 63.776, 36.144



1, 3.619, 13.580

Previews

White Background



This preview shows how the CIELCh color 56, 18.884, 323.392 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, 18.884, 323.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

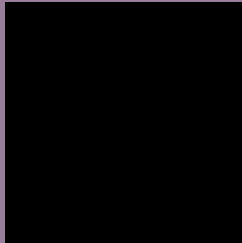
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 18.884, 323.392

Background



This preview shows how black text looks on a background with the CIELCh color 56, 18.884, 323.392.



This preview shows how white text looks on a background with the CIELCh color 56, 18.884, 323.392.

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, 18.884, 323.392

Protanopia

56, 14.931, 286.396

Deuteranopia

56, 13.012, 304.938



Tritanopia
56, 10.097, 346.112

Trichromacy



Original Color
56, 18.884, 323.392

Protanomaly
56, 15.759, 301.393

Deuteranomaly
56, 14.946, 313.951

Tritanomaly
56, 12.848, 335.475

Monochromacy



Original Color
56, 18.884, 323.392

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.734, 322.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 18.884, 323.392 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, 126, 154)` looks like.

```
.text, #text, p{  
    color:rgb(152, 126, 154)  
}
```

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, 126, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 126, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 18.884, 323.392 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, 126, 154) }
```

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

```
.border{ border-color:rgb(152, 126, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 126, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 126, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 126, 154);  
box-shadow:4px 4px 4px 4px rgb(152, 126,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 18.884, 323.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 126, 154) }
```

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

```
.background{ background-color: rgb(152,  
126, 154) }
```

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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