

Converting Colors

CIELCh(56, 20.237, 323.590)

Have a look what the booklet for
CIELCh(56, 20.237, 323.590)
contains.

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Color

CIELCh(56, 20.245, 323.587)

Conversions

Conversions Part 1

Format	Color
Hex	997D9B
RGB	153, 125, 155
RGB Percent	60%, 49%, 61%
CMY	0.3989, 0.5087, 0.3910
CMYK	0.01, 0.19, 0.00, 0.39
HSL	296°, 13%, 55%
HSV	296°, 19%, 61%
XYZ	26.4987, 23.9124, 34.3538
YIQ	136.7920, 7.0580, 15.2660

Conversions

Conversions Part 2

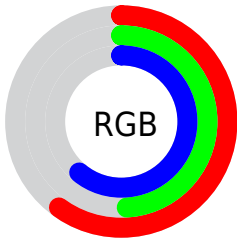
Format	Color
R _Y B	153, 125, 155
Decimal	10059163
CIE Lab	56.00, 16.29, -12.02
CIE LCh	56, 20.245, 323.587
Yxy	23.9124, 0.3126, 0.2821
Android (android.graphics.Color)	4288249243 (0xFF997D9B)
YUV	136.7920, 8.9765, 14.2144
Hunter-Lab	48.9003, 11.1523, -7.4226

Details

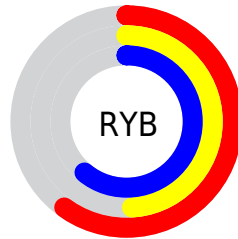
The CIELCh color $56, 20.245, 323.587$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 20.179, 141.555$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 19.960, 324.347$, and $36, 20.301, 323.769$ is the 20% darker color. If you saturate the color by 10%, you get $52, 30.748, 324.075$, and if you desaturate by 10%, it is $60, 9.718, 323.082$.

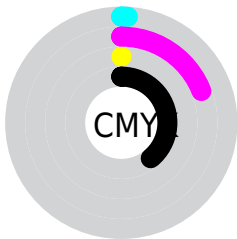
Distribution



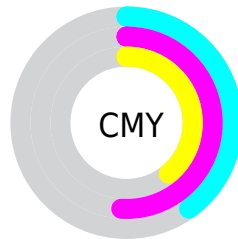
- Red (60%)
- Green (49%)
- Blue (61%)



- Red (60%)
- Yellow (49%)
- Blue (61%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)





- Cyan (40%)
- Magenta (51%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 20.245, 323.587 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, 20.245, 323.587 by changing the saturation by 10% instead.


 56, 20.245,
323.587

 56, 20.245,
323.587


 100, 20.245,
323.587


 46, 20.245,
323.587


 76, 20.245,
323.587

 36, 20.245,
323.587

 86, 20.245,
323.587

 26, 20.245,
323.587

 96, 20.245,
323.587

 16, 20.245,
323.587

 6, 20.245, 323.587

 0, 20.245, 323.587

56, 20.245,
323.587

56, 20.245,
323.587

52, 30.748,
324.075

60, 9.718, 323.082

48, 41.029,
324.538

64, 0.691, 142.903

45, 50.809,
324.956

69, 10.895,
142.151

42, 59.732,
325.308

73, 20.843,
141.682

39, 67.395,
325.571

77, 30.508,
141.241

37, 73.404,
325.724

82, 39.880,
140.826


36, 77.486,
325.750


86, 48.961,
140.439

35, 79.932,

91, 57.760,
140.078

325.669

 92, 60.683,
139.800

 35, 80.089,
325.663

Harmonies

Complementary

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



56, 20.245, 323.587



61, 20.179, 141.555

Rectangle

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



56, 20.245, 323.587



56, 20.245, 13.587



56, 20.245, 143.587



56, 20.245, 193.587

Sweetspot

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



56, 20.243, 323.587



78, 7.715, 322.913



54, 16.163, 289.575



41, 5.160, 322.945



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, 20.243, 323.587



69, 29.816, 323.791



56, 15.292, 341.747



30, 5.819, 323.077



31, 74.345, 325.685



1, 6.236, 322.424

Inverse Universe

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



55, 12.349, 15.475



68, 18.422, 15.923



61, 15.034, 158.671



30, 3.447, 14.502



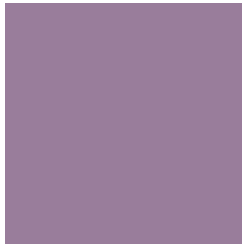
28, 63.928, 36.346



1, 3.616, 13.970

Previews

White Background



This preview shows how the CIELCh color 56, 20.245, 323.587 looks on a white background.

Color Contrast Check

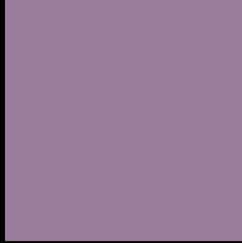
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.245, 323.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

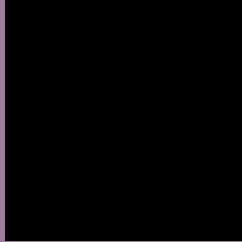
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 20.245, 323.587

Background



This preview shows how black text looks on a background with the CIELCh color 56, 20.245, 323.587.



This preview shows how white text looks on a background with the CIELCh color 56, 20.245, 323.587.

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, 20.245, 323.587

Protanopia

56, 16.067, 286.953

Deuteranopia

56, 13.489, 302.853



Tritanopia
56, 10.779, 348.646

Trichromacy



Original Color
56, 20.245, 323.587

Protanomaly
56, 16.950, 302.064

Deuteranomaly
56, 15.473, 313.154

Tritanomaly
56, 13.805, 336.226

Monochromacy



Original Color
56, 20.245, 323.587

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 7.422, 322.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 20.245, 323.587 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(153, 125, 155)` looks like.

```
.text, #text, p{  
    color:rgb(153, 125, 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(153, 125, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 125, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 20.245, 323.587 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(153, 125, 155) }
```

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

```
.border{ border-color:rgb(153, 125, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 125, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 125, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 125, 155);  
box-shadow:4px 4px 4px 4px rgb(153, 125,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 20.245, 323.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 125, 155) }
```

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

```
.background{ background-color: rgb(153,  
125, 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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