

Converting Colors

CIELCh(56, 22.059, 323.883)

Have a look what the booklet for
CIELCh(56, 22.059, 323.883)
contains.

CIELCh(56, 22.267, 323.845)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 22.267, 323.845)

Conversions

Conversions Part 1

Format	Color
Hex	9B7C9D
RGB	155, 124, 157
RGB Percent	61%, 49%, 62%
CMY	0.3912, 0.5128, 0.3833
CMYK	0.01, 0.21, 0.00, 0.38
HSL	296°, 14%, 55%
HSV	296°, 21%, 62%
XYZ	26.9113, 23.9124, 35.2081
YIQ	137.0310, 7.8830, 16.8350

Conversions

Conversions Part 2

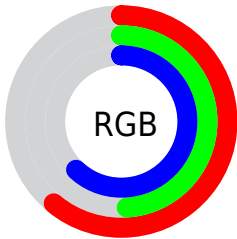
Format	Color
R _Y B	155, 124, 157
Decimal	10189981
CIE _{Lab}	56.00, 17.98, -13.14
CIE _{LCh}	56, 22.267, 323.845
Y _{xy}	23.9124, 0.3128, 0.2779
Android (android.graphics.Color)	4288380061 (0xFF9B7C9D)
Y _{UV}	137.0310, 9.8447, 15.7588
Hunter-Lab	48.9003, 12.6584, -8.4584

Details

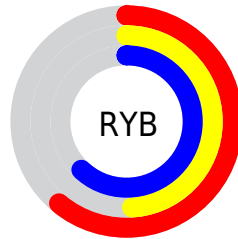
The CIELCh color $56, 22.267, 323.845$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $62, 22.198, 141.600$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 22.327, 323.735$, and $36, 22.252, 323.136$ is the 20% darker color. If you saturate the color by 10%, you get $52, 32.869, 324.334$, and if you desaturate by 10%, it is $60, 11.606, 323.339$.

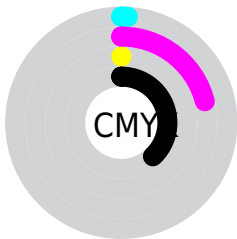
Distribution



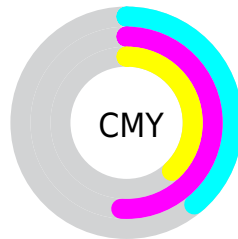
- Red (61%)
- Green (49%)
- Blue (62%)



- Red (61%)
- Yellow (49%)
- Blue (62%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (38%)




- Cyan (39%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 22.267, 323.845 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, 22.267, 323.845 by changing the saturation by 10% instead.


 56, 22.267,
323.845


 56, 22.267,
323.845


 100, 22.267,
323.845


 46, 22.267,
323.845


 76, 22.267,
323.845

 36, 22.267,
323.845

 86, 22.267,
323.845

 26, 22.267,
323.845

 96, 22.267,
323.845

 16, 22.267,
323.845

 6, 22.267, 323.845

 0, 22.267, 323.845

56, 22.267,
323.845

56, 22.267,
323.845

52, 32.869,
324.334

60, 11.606,
323.339

48, 43.199,
324.794

64, 1.044, 322.665

45, 52.957,
325.206

69, 9.325, 142.397

42, 61.772,
325.550

73, 19.441,
141.917

39, 69.232,
325.802

78, 29.273,
141.467

37, 74.955,
325.942

82, 38.809,
141.043


36, 78.703,
325.958

87, 48.048,
140.647

35, 80.798,

91, 56.998,
140.278

325.892

 93, 59.635,
140.011

Harmonies

Complementary

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



56, 22.267, 323.845



62, 22.198, 141.600

Rectangle

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



56, 22.267, 323.845



56, 22.267, 13.845



56, 22.267, 143.845



56, 22.267, 193.845

Sweetspot

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



56, 22.265, 323.845



79, 7.808, 323.082



54, 17.794, 289.801



41, 5.169, 323.114



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, 22.265, 323.845



69, 32.802, 324.067



56, 16.801, 341.896



31, 5.991, 323.249



32, 75.293, 325.911



1, 7.759, 322.433

Inverse Universe

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



55, 13.628, 16.131



68, 20.368, 16.634



62, 16.495, 158.515



31, 3.541, 14.996



29, 65.055, 36.707



1, 4.493, 14.636

Previews

White Background



This preview shows how the CIELCh color 56, 22.267, 323.845 looks on a white background.

Color Contrast Check

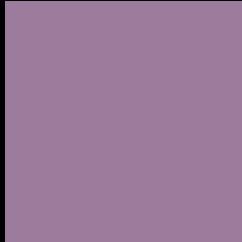
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 56, 22.267, 323.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

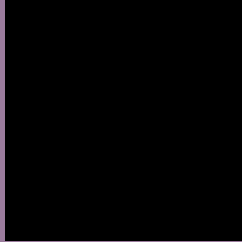
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 22.267, 323.845

Background



This preview shows how black text looks on a background with the CIELCh color 56, 22.267, 323.845.



This preview shows how white text looks on a background with the CIELCh color 56, 22.267, 323.845.

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, 22.267, 323.845

Protanopia

56, 17.229, 286.286

Deuteranopia

56, 14.549, 300.612



Tritanopia
56, 11.121, 349.800

Trichromacy



Original Color
56, 22.267, 323.845

Protanomaly
56, 18.076, 301.507

Deuteranomaly
56, 16.536, 311.724

Tritanomaly
56, 14.470, 335.745

Monochromacy



Original Color
56, 22.267, 323.845

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 8.331, 324.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 22.267, 323.845 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(155, 124, 157)` looks like.

```
.text, #text, p{  
    color:rgb(155, 124, 157)  
}
```

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(155, 124, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 124, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 22.267, 323.845 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(155, 124, 157) }
```

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

```
.border{ border-color:rgb(155, 124, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 124, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 124, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 124, 157);  
box-shadow:4px 4px 4px 4px rgb(155, 124,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 22.267, 323.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 124, 157) }
```

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

```
.background{ background-color: rgb(155,  
124, 157) }
```

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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