

Converting Colors

CIELCh(56, 39.192, 326.246)

Have a look what the booklet for
CIELCh(56, 39.192, 326.246)
contains.

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Color

CIELCh(56, 39.642, 326.253)

Conversions

Conversions Part 1

Format	Color
Hex	AD72AD
RGB	173, 114, 173
RGB Percent	68%, 45%, 68%
CMY	0.3218, 0.5532, 0.3218
CMYK	0.00, 0.34, 0.00, 0.32
HSL	300°, 26%, 56%
HSV	300°, 34%, 68%
XYZ	30.7664, 23.9124, 42.4969
YIQ	138.3670, 16.2250, 30.8570

Conversions

Conversions Part 2

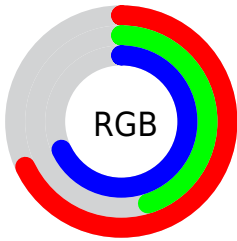
Format	Color
RYB	173, 114, 173
Decimal	11367085
CIELab	56.00, 32.96, -22.02
CIELCh	56, 39.642, 326.253
Yxy	23.9124, 0.3166, 0.2461
Android (android.graphics.Color)	4289557165 (0xFFAD72AD)
YUV	138.3670, 17.0741, 30.3731
Hunter-Lab	48.9003, 26.7305, -17.2958

Details

The CIELCh color $56, 39.642, 326.253$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $65, 39.668, 142.017$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 39.660, 325.915$, and $36, 39.545, 326.263$ is the 20% darker color. If you saturate the color by 10%, you get $52, 50.677, 326.742$, and if you desaturate by 10%, it is $60, 28.128, 325.731$.

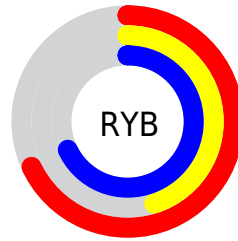
Distribution



Red (68%)

Green (45%)

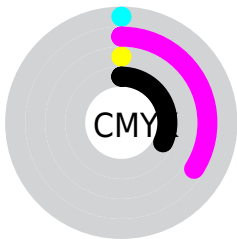
Blue (68%)



Red (68%)

Yellow (45%)

Blue (68%)

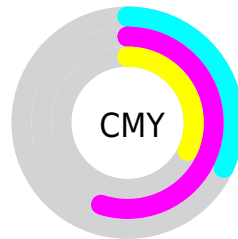


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (32%)



Cyan (32%)


Magenta (55%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 39.642, 326.253 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, 39.642, 326.253 by changing the saturation by 10% instead.


 56, 39.642,
326.253


 56, 39.642,
326.253


 100, 39.642,
326.253


 46, 39.642,
326.253


 76, 39.642,
326.253

 36, 39.642,
326.253

 86, 39.642,
326.253

 26, 39.642,
326.253

 96, 39.642,
326.253

 16, 39.642,
326.253

 6, 39.642, 326.253

 0, 39.642, 326.253

56, 39.642,
326.253

56, 39.642,
326.253

52, 50.677,
326.742

60, 28.128,
325.731

49, 60.868,
327.183

64, 16.433,
325.189

46, 69.781,
327.558

69, 4.764, 324.615

44, 76.989,
327.855

73, 6.735, 144.164

42, 82.164,
328.065

78, 17.976,
143.623

41, 85.198,
328.186

83, 28.908,
143.118

41, 86.378,
328.232

88, 39.505,
142.639

92, 49.762,
142.188

■ 93, 51.337,
142.120

Harmonies

Complementary

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



56, 39.642, 326.253



65, 39.668, 142.017

Rectangle

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



56, 39.642, 326.253



56, 39.642, 16.253



56, 39.642, 146.253



56, 39.642, 196.253

Sweetspot

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



56, 39.640, 326.253



84, 14.364, 324.971



50, 33.900, 293.830



44, 9.794, 325.047



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



56, 39.640, 326.253



68, 58.423, 326.629



55, 28.715, 345.905



34, 6.590, 324.922



35, 77.962, 328.232



2, 13.857, 324.438

Inverse Universe

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



54, 25.217, 22.376



65, 38.443, 23.494



66, 27.657, 159.601



34, 3.818, 19.909



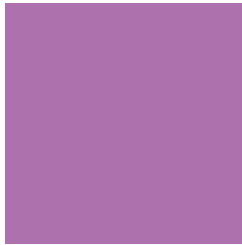
31, 69.982, 39.446



2, 7.802, 19.404

Previews

White Background



This preview shows how the CIELCh color 56, 39.642, 326.253 looks on a white background.

Color Contrast Check

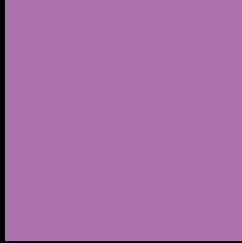
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.642, 326.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

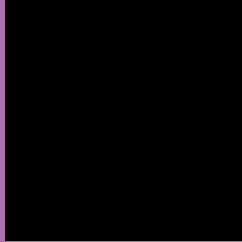
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 39.642, 326.253

Background



This preview shows how black text looks on a background with the CIELCh color 56, 39.642, 326.253.

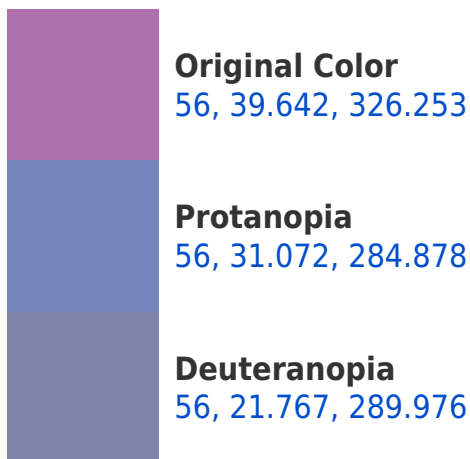


This preview shows how white text looks on a background with the CIELCh color 56, 39.642, 326.253.

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





Tritanopia
56, 19.128, 4.437

Trichromacy



Original Color
56, 39.642, 326.253

Protanomaly
56, 32.491, 301.008

Deuteranomaly
56, 27.464, 308.151

Tritanomaly
56, 25.096, 343.060

Monochromacy



Original Color
56, 39.642, 326.253

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 15.188, 325.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 39.642, 326.253 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(173, 114, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 114, 173)  
}
```

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(173, 114, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 114, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 39.642, 326.253 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(173, 114, 173) }
```

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

```
.border{ border-color:rgb(173, 114, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 114, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 114, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 114, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 114,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 39.642, 326.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 114, 173) }
```

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

```
.background{ background-color: rgb(173,  
114, 173) }
```

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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