

Converting Colors

CIELCh(55, 42.786, 326.920)

Have a look what the booklet for
CIELCh(55, 42.786, 326.920)
contains.

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Color

CIELCh(55, 43.061, 326.849)

Conversions

Conversions Part 1

Format	Color
Hex	AE6DAD
RGB	174, 109, 173
RGB Percent	68%, 43%, 68%
CMY	0.3179, 0.5728, 0.3218
CMYK	0.00, 0.37, 0.01, 0.32
HSL	301°, 29%, 55%
HSV	301°, 37%, 68%
XYZ	30.4394, 22.9298, 42.3239
YIQ	135.7310, 18.1960, 33.6840

Conversions

Conversions Part 2

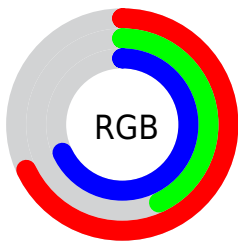
Format	Color
R_{YB}	174, 109, 173
Decimal	11431341
CIE _{Lab}	55.00, 36.05, -23.55
CIE _{LCh}	55, 43.061, 326.849
Yxy	22.9298, 0.3181, 0.2396
Android (android.graphics.Color)	4289621421 (0xFFAE6DAD)
YUV	135.7310, 18.3736, 33.5619
Hunter-Lab	47.8851, 29.6692, -18.8847

Details

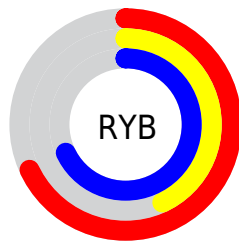
The CIELCh color $55, 43.061, 326.849$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $65, 43.115, 142.111$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 43.172, 326.875$, and $35, 42.906, 326.974$ is the 20% darker color. If you saturate the color by 10%, you get $51, 53.807, 327.337$, and if you desaturate by 10%, it is $59, 31.727, 326.327$.

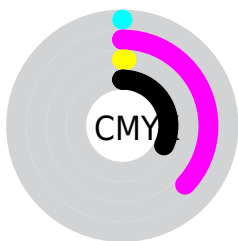
Distribution



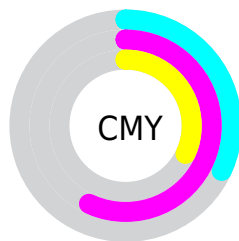
- Red (68%)
- Green (43%)
- Blue (68%)



- Red (68%)
- Yellow (43%)
- Blue (68%)



- Cyan (0%)
- Magenta (37%)
- Yellow (1%)
- Black (32%)





- Cyan (32%)
- Magenta (57%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 43.061, 326.849 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 55, 43.061, 326.849 by changing the saturation by 10% instead.


 55, 43.061,
326.849

 55, 43.061,
326.849


 100, 43.061,
326.849


 45, 43.061,
326.849


 75, 43.061,
326.849

 35, 43.061,
326.849

 85, 43.061,
326.849

 25, 43.061,
326.849

 95, 43.061,
326.849

 15, 43.061,
326.849

 5, 43.061, 326.849

 0, 43.061, 326.849

55, 43.061,
326.849

55, 43.061,
326.849

51, 53.807,
327.337

59, 31.727,
326.327

48, 63.575,
327.775

63, 20.128,
325.785

45, 71.920,
328.150

68, 8.498, 325.224

43, 78.432,
328.449

72, 3.002, 144.790

42, 82.835,
328.668

77, 14.270,
144.201

41, 85.210,
328.815

82, 25.242,
143.684

41, 85.714,
328.849

87, 35.890,
143.195

91, 46.200,
142.733

■ 93, 50.136,
142.609

Harmonies

Complementary

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



55, 43.061, 326.849



65, 43.115, 142.111

Rectangle

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



55, 43.061, 326.849



55, 43.061, 16.849



55, 43.061, 146.849



55, 43.061, 196.849

Sweetspot

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



55, 43.059, 326.849



84, 15.790, 325.442



49, 38.251, 294.998



44, 10.702, 325.516



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



55, 43.059, 326.849



67, 63.650, 327.263



54, 31.284, 347.242



34, 6.522, 325.335



35, 77.045, 328.842



2, 13.644, 325.049

Inverse Universe

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



55, 43.059, 326.849



67, 63.650, 327.263



66, 29.927, 160.079



34, 6.522, 325.335



35, 77.045, 328.842



2, 13.644, 325.049

Previews

White Background



This preview shows how the CIELCh color 55, 43.061, 326.849 looks on a white background.

Color Contrast Check

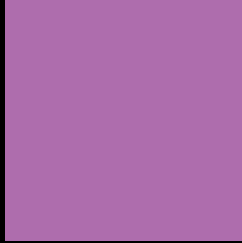
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 43.061, 326.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

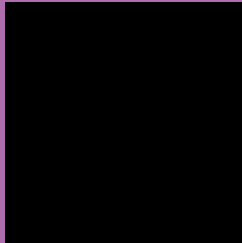
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 43.061, 326.849

Background



This preview shows how black text looks on a background with the CIELCh color 55, 43.061, 326.849.

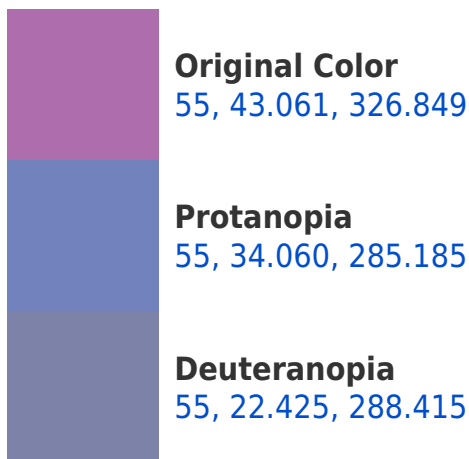


This preview shows how white text looks on a background with the CIELCh color 55, 43.061, 326.849.

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
55, 21.156, 8.001

Trichromacy



Original Color
55, 43.061, 326.849

Protanomaly
55, 35.521, 301.225

Deuteranomaly
55, 28.752, 308.320

Tritanomaly
55, 27.026, 345.113

Monochromacy



Original Color
55, 43.061, 326.849

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 16.136, 326.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 43.061, 326.849 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(174, 109, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 109, 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(174, 109, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 109, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 43.061, 326.849 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(174, 109, 173) }
```

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

```
.border{ border-color:rgb(174, 109, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 109, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 109, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 109, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 109,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 43.061, 326.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 109, 173) }
```

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

```
.background{ background-color: rgb(174,  
109, 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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