

Converting Colors

CIELCh(52, 43.558, 325.887)

Have a look what the booklet for
CIELCh(52, 43.558, 325.887)
contains.

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Color

CIELCh(52, 43.649, 326.050)

Conversions

Conversions Part 1

Format	Color
Hex	A565A6
RGB	165, 101, 166
RGB Percent	65%, 40%, 65%
CMY	0.3519, 0.6030, 0.3480
CMYK	0.01, 0.39, 0.00, 0.35
HSL	299°, 27%, 52%
HSV	299°, 39%, 65%
XYZ	27.1549, 20.1443, 38.6568
YIQ	127.5460, 17.2790, 33.7830

Conversions

Conversions Part 2

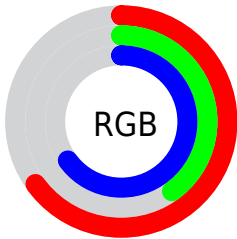
Format	Color
R _Y B	165, 101, 166
Decimal	10839462
CIE _{Lab}	52.00, 36.21, -24.38
CIE _{LCh}	52, 43.649, 326.050
Y _{xy}	20.1443, 0.3159, 0.2344
Android (android.graphics.Color)	4289029542 (0xFFA565A6)
YUV	127.5460, 18.9578, 32.8472
Hunter-Lab	44.8824, 29.4525, -19.6481

Details

The CIELCh color **52, 43.649, 326.050** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **63, 43.671, 141.222**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 43.725, 326.108**, and **32, 44.070, 326.182** is the 20% darker color. If you saturate the color by 10%, you get **49, 53.986, 326.505**, and if you desaturate by 10%, it is **56, 32.705, 325.554**.

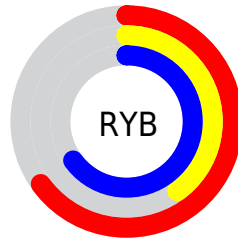
Distribution



Red (65%)

Green (40%)

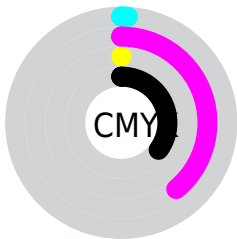
Blue (65%)



Red (65%)

Yellow (40%)

Blue (65%)

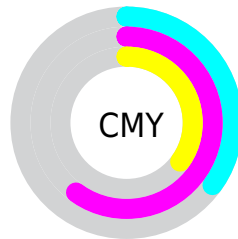


Cyan (1%)

Magenta (39%)

Yellow (0%)

Black (35%)



Cyan (35%)


Magenta (60%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 43.649, 326.050 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 52, 43.649, 326.050 by changing the saturation by 10% instead.


 52, 43.649,
326.050


 52, 43.649,
326.050


 100, 43.649,
326.050


 42, 43.649,
326.050


 72, 43.649,
326.050

 32, 43.649,
326.050

 82, 43.649,
326.050

 22, 43.649,
326.050

 92, 43.649,
326.050

 12, 43.649,
326.050

 2, 43.649, 326.050

 0, 43.649, 326.050

52, 43.649,
326.050

52, 43.649,
326.050

49, 53.986,
326.505

56, 32.705,
325.554

45, 63.333,
326.900

60, 21.475,
325.033

43, 71.263,
327.220

64, 10.189,
324.494

41, 77.387,
327.449

69, 0.988, 144.214

40, 81.464,
327.580

73, 11.952,
143.493

39, 83.766,
327.629

78, 22.639,
142.986

39, 83.954,
327.633

82, 33.016,
142.507

87, 43.070,
142.055

■ 92, 52.801,
141.630

Harmonies

Complementary

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



52, 43.649, 326.050



63, 43.671, 141.222

Rectangle

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



52, 43.649, 326.050



52, 43.649, 16.050



52, 43.649, 146.050



52, 43.649, 196.050

Sweetspot

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



52, 43.647, 326.050



80, 16.697, 324.664



46, 38.017, 294.658



42, 11.170, 324.731



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



52, 43.647, 326.050



63, 64.275, 326.451



51, 31.845, 346.469



33, 6.399, 324.504



34, 77.042, 327.638



2, 11.592, 323.863

Inverse Universe

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



50, 28.367, 21.932



60, 43.444, 23.446



63, 30.541, 159.036



33, 3.723, 18.665



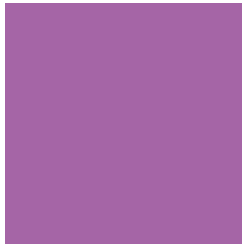
30, 68.477, 38.751



1, 6.575, 18.307

Previews

White Background



This preview shows how the CIELCh color 52, 43.649, 326.050 looks on a white background.

Color Contrast Check

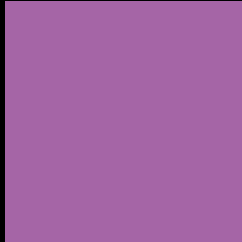
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 43.649, 326.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

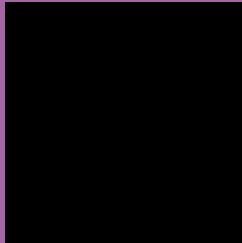
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 43.649, 326.050

Background



This preview shows how black text looks on a background with the CIELCh color 52, 43.649, 326.050.

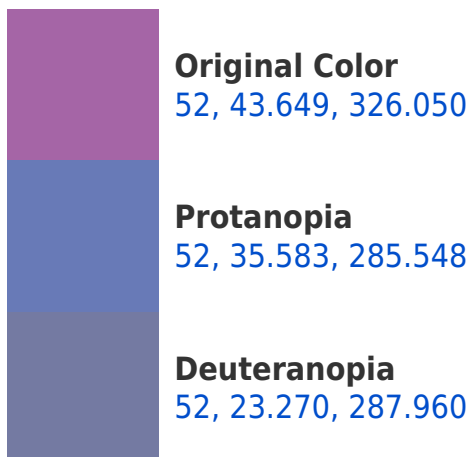


This preview shows how white text looks on a background with the CIELCh color 52, 43.649, 326.050.

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
52, 20.558, 7.475

Trichromacy



Original Color
52, 43.649, 326.050

Protanomaly
51, 37.014, 300.717

Deuteranomaly
52, 30.088, 307.195

Tritanomaly
52, 27.275, 343.683

Monochromacy



Original Color
52, 43.649, 326.050

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 16.769, 325.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 43.649, 326.050 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(165, 101, 166)` looks like.

```
.text, #text, p{  
    color:rgb(165, 101, 166)  
}
```

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(165, 101, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 101, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 43.649, 326.050 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(165, 101, 166) }
```

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

```
.border{ border-color:rgb(165, 101, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 101, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 101, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 101, 166);  
box-shadow:4px 4px 4px 4px rgb(165, 101,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 43.649, 326.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 101, 166) }
```

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

```
.background{ background-color: rgb(165,  
101, 166) }
```

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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