

Converting Colors

CIELCh(56, 49.163, 323.709)

Have a look what the booklet for
CIELCh(56, 49.163, 323.709)
contains.

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Color

CIELCh(56, 49.065, 323.875)

Conversions

Conversions Part 1

Format	Color
Hex	B26DB9
RGB	178, 109, 185
RGB Percent	70%, 43%, 73%
CMY	0.3019, 0.5725, 0.2744
CMYK	0.04, 0.41, 0.00, 0.27
HSL	294°, 35%, 58%
HSV	294°, 41%, 73%
XYZ	32.5945, 23.9124, 48.8079
YIQ	138.2950, 16.7280, 38.2640

Conversions

Conversions Part 2

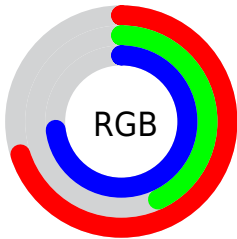
Format	Color
RYB	178, 109, 185
Decimal	11693497
CIELab	56.00, 39.63, -28.93
CIELCh	56, 49.065, 323.875
Yxy	23.9124, 0.3095, 0.2271
Android (android.graphics.Color)	4289883577 (0xFFB26DB9)
YUV	138.2950, 23.0256, 34.8213
Hunter-Lab	48.9003, 33.4035, -24.9478

Details

The CIELCh color $56, 49.065, 323.875$ is a light color, and the websafe version is hex `996699`. A complement of this color would be $69, 48.787, 139.255$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 48.970, 324.011$, and $36, 49.047, 323.827$ is the 20% darker color. If you saturate the color by 10%, you get $52, 60.162, 324.270$, and if you desaturate by 10%, it is $60, 37.329, 323.428$.

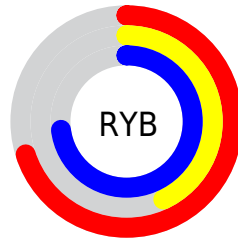
Distribution



Red (70%)

Green (43%)

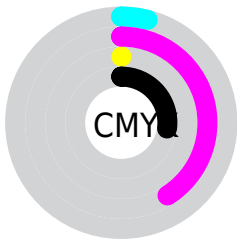
Blue (73%)



Red (70%)

Yellow (43%)

Blue (73%)

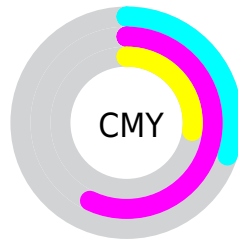


Cyan (4%)

Magenta (41%)

Yellow (0%)

Black (27%)



Cyan (30%)


Magenta (57%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 49.065, 323.875 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, 49.065, 323.875 by changing the saturation by 10% instead.


 56, 49.065,
323.875


 56, 49.065,
323.875


 100, 49.065,
323.875


 46, 49.065,
323.875


 76, 49.065,
323.875

 36, 49.065,
323.875

 86, 49.065,
323.875

 26, 49.065,
323.875

 96, 49.065,
323.875

 16, 49.065,
323.875

 6, 49.065, 323.875

 0, 49.065, 323.875

56, 49.065,
323.875

56, 49.065,
323.875

52, 60.162,
324.270

60, 37.329,
323.428

49, 70.191,
324.588

65, 25.302,
322.950

46, 78.662,
324.802

70, 13.230,
322.456

43, 85.113,
324.884

75, 1.281, 321.814

42, 89.259,
324.818


80, 10.440,
141.537

41, 91.360,
324.654

85, 21.868,
141.072

90, 32.973,
140.638

94, 42.535,
140.206

 94, 42.205,
139.572

Harmonies

Complementary

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



56, 49.065, 323.875



69, 48.787, 139.255

Rectangle

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



56, 49.065, 323.875



56, 49.065, 13.875



56, 49.065, 143.875



56, 49.065, 193.875

Sweetspot

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



56, 49.063, 323.875



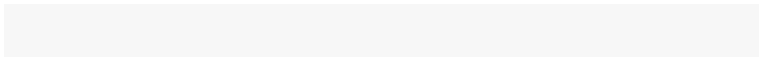
87, 17.704, 322.512



51, 39.823, 291.675



46, 11.746, 322.576



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



56, 49.063, 323.875



67, 71.397, 324.224



56, 38.328, 342.174



36, 6.717, 322.368



34, 80.359, 324.700



3, 18.000, 320.831

Inverse Universe

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



55, 32.333, 16.537



65, 48.520, 18.255



69, 37.360, 154.820



36, 4.026, 12.477



32, 68.389, 35.638



2, 10.703, 13.819

Previews

White Background



This preview shows how the CIELCh color 56, 49.065, 323.875 looks on a white background.

Color Contrast Check

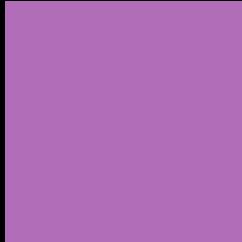
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49.065, 323.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

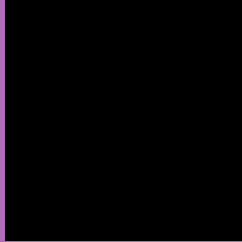
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 49.065, 323.875

Background



This preview shows how black text looks on a background with the CIELCh color 56, 49.065, 323.875.

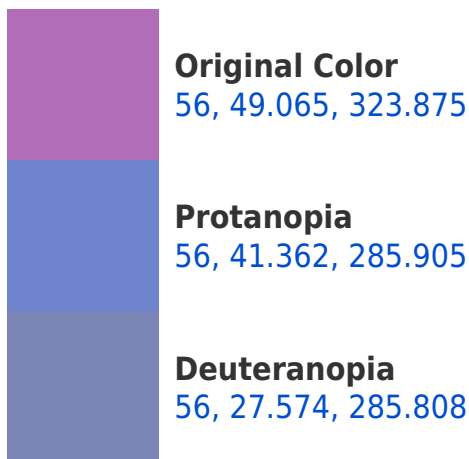


This preview shows how white text looks on a background with the CIELCh color 56, 49.065, 323.875.

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, 21.064, 7.933

Trichromacy



Original Color
56, 49.065, 323.875

Protanomaly
56, 42.106, 299.649

Deuteranomaly
56, 33.982, 304.313

Tritanomaly
56, 28.805, 342.393

Monochromacy



Original Color
56, 49.065, 323.875

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 18.861, 323.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 49.065, 323.875 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(178, 109, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 109, 185)  
}
```

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(178, 109, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 109, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 49.065, 323.875 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(178, 109, 185) }
```

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

```
.border{ border-color:rgb(178, 109, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 109, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 109, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 109, 185);  
box-shadow:4px 4px 4px 4px rgb(178, 109,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 49.065, 323.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 109, 185) }
```

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

```
.background{ background-color: rgb(178,  
109, 185) }
```

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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