

Converting Colors

CIELCh(56, 41.858, 325.382)

Have a look what the booklet for
CIELCh(56, 41.858, 325.382)
contains.

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Color

CIELCh(56, 41.809, 325.419)

Conversions

Conversions Part 1

Format	Color
Hex	AE71B0
RGB	174, 113, 176
RGB Percent	68%, 44%, 69%
CMY	0.3180, 0.5572, 0.3101
CMYK	0.01, 0.36, 0.00, 0.31
HSL	298°, 28%, 57%
HSV	298°, 36%, 69%
XYZ	31.1606, 23.9124, 44.0036
YIQ	138.4210, 16.1330, 32.5250

Conversions

Conversions Part 2

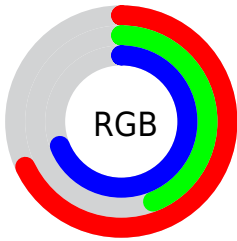
Format	Color
RYB	174, 113, 176
Decimal	11432368
CIELab	56.00, 34.42, -23.73
CIELCh	56, 41.809, 325.419
Yxy	23.9124, 0.3145, 0.2414
Android (android.graphics.Color)	4289622448 (0xFFAE71B0)
YUV	138.4210, 18.5264, 31.2028
Hunter-Lab	48.9003, 28.1695, -19.1227

Details

The CIELCh color $56, 41.809, 325.419$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $66, 41.760, 141.134$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 41.755, 325.124$, and $36, 41.764, 325.395$ is the 20% darker color. If you saturate the color by 10%, you get $52, 52.861, 325.879$, and if you desaturate by 10%, it is $60, 30.253, 324.922$.

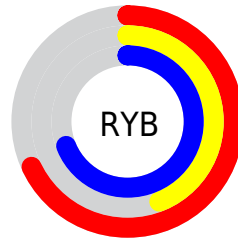
Distribution



Red (68%)

Green (44%)

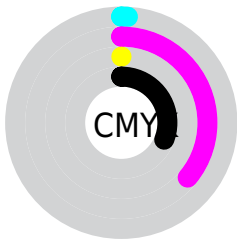
Blue (69%)



Red (68%)

Yellow (44%)

Blue (69%)

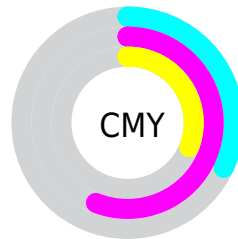


Cyan (1%)

Magenta (36%)

Yellow (0%)

Black (31%)



Cyan (32%)


Magenta (56%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 41.809, 325.419 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, 41.809, 325.419 by changing the saturation by 10% instead.


 56, 41.809,
325.419

 56, 41.809,
325.419


 100, 41.809,
325.419


 46, 41.809,
325.419


 76, 41.809,
325.419

 36, 41.809,
325.419

 86, 41.809,
325.419

 26, 41.809,
325.419

 96, 41.809,
325.419

 16, 41.809,
325.419

 6, 41.809, 325.419

 0, 41.809, 325.419

56, 41.809,
325.419

56, 41.809,
325.419

52, 52.861,
325.879

60, 30.253,
324.922

49, 63.032,
326.283

65, 18.499,
324.403

46, 71.876,
326.611

69, 6.759, 323.861

44, 78.950,
326.845

74, 4.820, 143.428

42, 83.926,
326.973

79, 16.148,
142.894

41, 86.738,
326.993

83, 27.172,
142.407

41, 87.608,
326.986

88, 37.867,
141.947

93, 48.226,
141.515

■ 94, 48.901,
141.327

Harmonies

Complementary

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



56, 41.809, 325.419



66, 41.760, 141.134

Rectangle

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



56, 41.809, 325.419



56, 41.809, 15.419



56, 41.809, 145.419



56, 41.809, 195.419

Sweetspot

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



56, 41.807, 325.419



85, 15.943, 324.158



51, 35.557, 293.477



44, 10.709, 324.228



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



56, 41.807, 325.419



68, 61.789, 325.788



55, 30.866, 345.165



34, 6.526, 324.055



35, 78.076, 327.002



2, 13.651, 323.187

Inverse Universe

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



54, 26.843, 20.229



65, 40.998, 21.514



67, 29.785, 158.571



34, 3.818, 17.335



31, 68.826, 38.170



2, 7.811, 17.248

Previews

White Background



This preview shows how the CIELCh color 56, 41.809, 325.419 looks on a white background.

Color Contrast Check

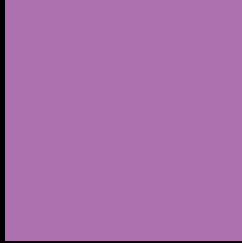
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.809, 325.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

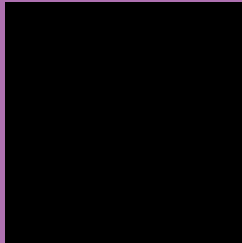
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 41.809, 325.419

Background



This preview shows how black text looks on a background with the CIELCh color 56, 41.809, 325.419.

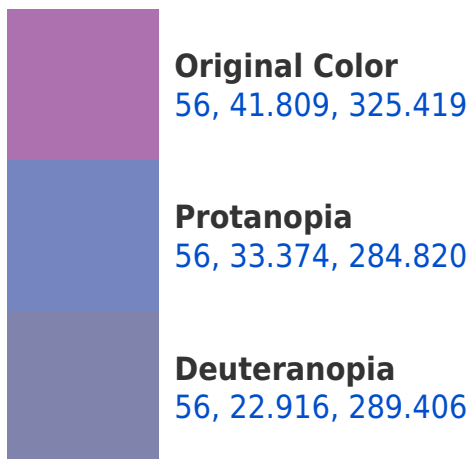


This preview shows how white text looks on a background with the CIELCh color 56, 41.809, 325.419.

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, 19.421, 6.488

Trichromacy



Original Color
56, 41.809, 325.419

Protanomaly
56, 34.704, 300.138

Deuteranomaly
56, 28.558, 307.591

Tritanomaly
56, 25.394, 343.685

Monochromacy



Original Color
56, 41.809, 325.419

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 15.657, 324.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 41.809, 325.419 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, 113, 176)` looks like.

```
.text, #text, p{  
    color:rgb(174, 113, 176)  
}
```

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, 113, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 113, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 41.809, 325.419 is called "border". The border property can be set on classes, ids or directly on the HTML element.

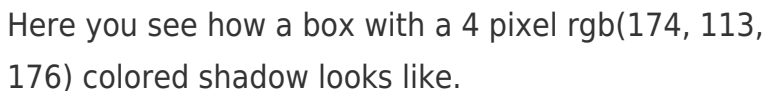
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 113, 176) }
```

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

```
.border{ border-color:rgb(174, 113, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 113, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 113, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 113, 176); box-shadow:4px 4px 4px 4px rgb(174, 113, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 41.809, 325.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 113, 176) }
```

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

```
.background{ background-color: rgb(174,  
113, 176) }
```

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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