

Converting Colors

CIELCh(56, 34.037, 326.045)

Have a look what the booklet for
CIELCh(56, 34.037, 326.045)
contains.

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Color

CIELCh(56, 34.530, 326.057)

Conversions

Conversions Part 1

Format	Color
Hex	A875A8
RGB	168, 117, 168
RGB Percent	66%, 46%, 66%
CMY	0.3408, 0.5408, 0.3408
CMYK	0.00, 0.30, 0.00, 0.34
HSL	300°, 23%, 56%
HSV	300°, 30%, 66%
XYZ	29.6205, 23.9124, 40.1499
YIQ	138.0630, 14.0250, 26.6730

Conversions

Conversions Part 2

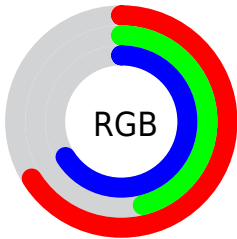
Format	Color
R_{YB}	168, 117, 168
Decimal	11040168
CIE _{Lab}	56.00, 28.65, -19.28
CIE _{LCh}	56, 34.530, 326.057
Yxy	23.9124, 0.3162, 0.2552
Android (android.graphics.Color)	4289230248 (0xFFA875A8)
YUV	138.0630, 14.7589, 26.2547
Hunter-Lab	48.9003, 22.5474, -14.4502

Details

The CIELCh color $56, 34.530, 326.057$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $64, 34.534, 142.359$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 34.277, 326.262$, and $36, 34.324, 325.932$ is the 20% darker color. If you saturate the color by 10%, you get $52, 45.530, 326.559$, and if you desaturate by 10%, it is $60, 23.181, 325.528$.

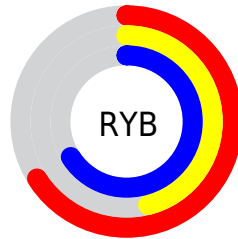
Distribution



Red (66%)

Green (46%)

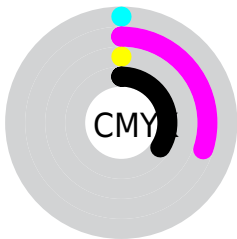
Blue (66%)



Red (66%)

Yellow (46%)

Blue (66%)

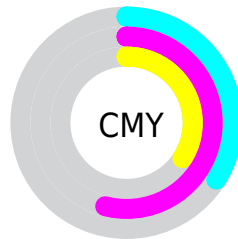


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (34%)



Cyan (34%)


Magenta (54%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 34.530, 326.057 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, 34.530, 326.057 by changing the saturation by 10% instead.


 56, 34.530,
326.057


 56, 34.530,
326.057


 100, 34.530,
326.057


 46, 34.530,
326.057


 76, 34.530,
326.057

 36, 34.530,
326.057

 86, 34.530,
326.057

 26, 34.530,
326.057

 96, 34.530,
326.057

 16, 34.530,
326.057

 6, 34.530, 326.057

 0, 34.530, 326.057

56, 34.530,
326.057

56, 34.530,
326.057

52, 45.530,
326.559

60, 23.181,
325.528

49, 55.856,
327.020

64, 11.743,
324.980

46, 65.103,
327.422

69, 0.391, 323.881

43, 72.844,
327.750

73, 10.759,
143.955

42, 78.709,
327.994

78, 21.634,
143.432

40, 82.496,
328.149

83, 32.196,
142.938

40, 84.585,
328.234

87, 42.428,
142.471

92, 52.329,
142.030

■ 93, 54.300,
141.944

Harmonies

Complementary

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



56, 34.530, 326.057



64, 34.534, 142.359

Rectangle

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



56, 34.530, 326.057



56, 34.530, 16.057



56, 34.530, 146.057



56, 34.530, 196.057

Sweetspot

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



56, 34.528, 326.057



83, 12.681, 324.914



51, 29.756, 293.849



43, 8.805, 324.993



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



56, 34.528, 326.057



69, 50.644, 326.379



55, 24.692, 346.426



33, 6.429, 324.921



35, 76.991, 328.234



2, 11.672, 324.440

Inverse Universe

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



56, 34.528, 326.057



69, 50.644, 326.379



65, 23.801, 160.882



33, 6.429, 324.921



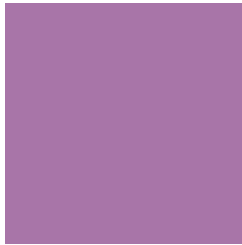
35, 76.991, 328.234



2, 11.672, 324.440

Previews

White Background



This preview shows how the CIELCh color 56, 34.530, 326.057 looks on a white background.

Color Contrast Check

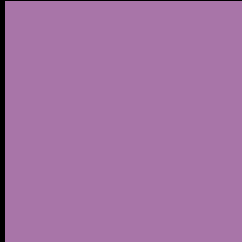
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.530, 326.057 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, 34.530, 326.057

Background



This preview shows how black text looks on a background with the CIELCh color 56, 34.530, 326.057.

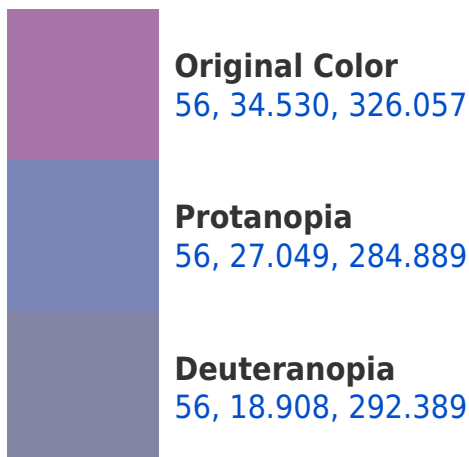


This preview shows how white text looks on a background with the CIELCh color 56, 34.530, 326.057.

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, 16.588, 3.404

Trichromacy



Original Color
56, 34.530, 326.057

Protanomaly
56, 28.470, 301.069

Deuteranomaly
56, 23.398, 308.862

Tritanomaly
56, 22.283, 342.347

Monochromacy



Original Color
56, 34.530, 326.057

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 13.139, 325.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 34.530, 326.057 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(168, 117, 168)` looks like.

```
.text, #text, p{  
    color:rgb(168, 117, 168)  
}
```

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(168, 117, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 117, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 34.530, 326.057 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(168, 117, 168) }
```

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

```
.border{ border-color:rgb(168, 117, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 117, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 117, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 117, 168);  
box-shadow:4px 4px 4px 4px rgb(168, 117,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 34.530, 326.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 117, 168) }
```

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

```
.background{ background-color: rgb(168,  
117, 168) }
```

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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