

Converting Colors

CIELCh(56, 24.661, 335.465)

Have a look what the booklet for
CIELCh(56, 24.661, 335.465)
contains.

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Color

CIELCh(56, 24.429, 335.961)

Conversions

Conversions Part 1

Format	Color
Hex	A57998
RGB	165, 121, 152
RGB Percent	65%, 47%, 60%
CMY	0.3532, 0.5258, 0.4042
CMYK	0.00, 0.27, 0.08, 0.35
HSL	318°, 20%, 56%
HSV	318°, 27%, 65%
XYZ	27.9905, 23.9124, 32.8135
YIQ	137.6900, 16.2730, 18.9690

Conversions

Conversions Part 2

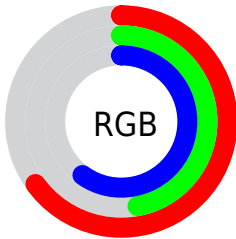
Format	Color
R_{YB}	165, 121, 152
Decimal	10844568
CIE _{Lab}	56.00, 22.31, -9.95
CIE _{LCh}	56, 24.429, 335.961
Yxy	23.9124, 0.3304, 0.2823
Android (android.graphics.Color)	4289034648 (0xFFA57998)
YUV	137.6900, 7.0548, 23.9509
Hunter-Lab	48.9003, 16.5977, -5.5550

Details

The CIELCh color $56, 24.429, 335.961$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 24.194, 152.050$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 24.287, 336.595$, and $36, 24.117, 335.697$ is the 20% darker color. If you saturate the color by 10%, you get $52, 33.486, 336.751$, and if you desaturate by 10%, it is $60, 15.223, 335.219$.

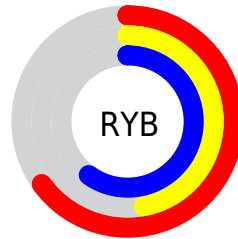
Distribution



Red (65%)

Green (47%)

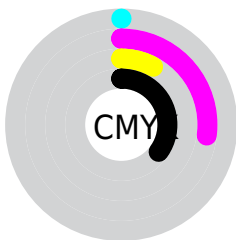
Blue (60%)



Red (65%)

Yellow (47%)

Blue (60%)

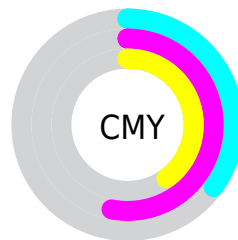


Cyan (0%)

Magenta (27%)

Yellow (8%)

Black (35%)



Cyan (35%)


Magenta (53%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 24.429, 335.961 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, 24.429, 335.961 by changing the saturation by 10% instead.


 56, 24.429,
335.961


 56, 24.429,
335.961


 100, 24.429,
335.961


 46, 24.429,
335.961


 76, 24.429,
335.961

 36, 24.429,
335.961

 86, 24.429,
335.961

 26, 24.429,
335.961

 96, 24.429,
335.961

 16, 24.429,
335.961

 6, 24.429, 335.961

 0, 24.429, 335.961

56, 24.429,
335.961

56, 24.429,
335.961

52, 33.486,
336.751

60, 15.223,
335.219

48, 42.144,
337.599

65, 6.052, 334.497

69, 2.974, 153.991

45, 50.060,
338.524

74, 11.787,
153.301

42, 56.822,
339.556

78, 20.352,
152.710

40, 62.006,
340.738

83, 28.656,
152.158

38, 65.279,
342.130


88, 36.699,
151.640

37, 66.621,
343.791

93, 44.490,
151.153

36, 66.919,

344.369

 93, 43.843,
152.954

Harmonies

Complementary

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



56, 24.429, 335.961



64, 24.194, 152.050

Rectangle

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



56, 24.429, 335.961



56, 24.429, 25.961



56, 24.429, 155.961



56, 24.429, 205.961

Sweetspot

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



56, 24.427, 335.962



81, 8.984, 334.605



53, 25.943, 302.970



42, 6.381, 334.710



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



56, 24.427, 335.962



69, 36.221, 336.422



55, 18.703, 4.811



32, 5.095, 334.686



32, 61.118, 344.147



1, 7.557, 336.470

Inverse Universe

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



56, 24.427, 335.962



69, 36.221, 336.422



64, 16.882, 179.548



32, 5.095, 334.686



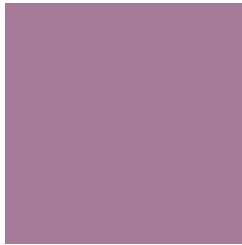
32, 61.118, 344.147



1, 7.557, 336.470

Previews

White Background



This preview shows how the CIELCh color 56, 24.429, 335.961 looks on a white background.

Color Contrast Check

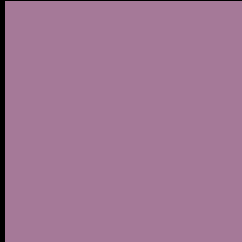
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 24.429, 335.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

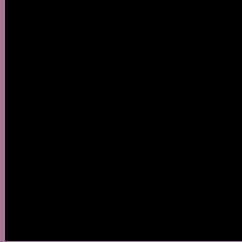
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 24.429, 335.961

Background



This preview shows how black text looks on a background with the CIELCh color 56, 24.429, 335.961.



This preview shows how white text looks on a background with the CIELCh color 56, 24.429, 335.961.

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



Original Color


56, 24.429, 335.961

Protanopia

56, 15.499, 286.682

Deuteranopia

56, 11.460, 308.712



Tritanopia
56, 16.729, 1.524

Trichromacy



Original Color
56, 24.429, 335.961

Protanomaly
56, 16.844, 308.650

Deuteranomaly
56, 16.173, 322.936

Tritanomaly
56, 19.178, 349.423

Monochromacy



Original Color
56, 24.429, 335.961

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 8.892, 335.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 24.429, 335.961 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, 121, 152)` looks like.

```
.text, #text, p{  
    color:rgb(165, 121, 152)  
}
```

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, 121, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 121, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 24.429, 335.961 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, 121, 152) }
```

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

```
.border{ border-color:rgb(165, 121, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 121, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 121, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 121, 152);  
box-shadow:4px 4px 4px 4px rgb(165, 121,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 24.429, 335.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 121, 152) }
```

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

```
.background{ background-color: rgb(165,  
121, 152) }
```

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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