

Converting Colors

CIELCh(56, 29.244, 324.093)

Have a look what the booklet for
CIELCh(56, 29.244, 324.093)
contains.

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Color

CIELCh(56, 28.910, 324.513)

Conversions

Conversions Part 1

Format	Color
Hex	A279A4
RGB	162, 121, 164
RGB Percent	64%, 47%, 64%
CMY	0.3660, 0.5267, 0.3582
CMYK	0.01, 0.26, 0.00, 0.36
HSL	297°, 19%, 56%
HSV	297°, 26%, 64%
XYZ	28.3021, 23.9124, 38.0886
YIQ	138.1610, 10.6330, 22.0650

Conversions

Conversions Part 2

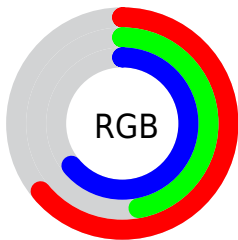
Format	Color
R_{YB}	162, 121, 164
Decimal	10647972
CIE _{Lab}	56.00, 23.54, -16.78
CIE _{LCh}	56, 28.910, 324.513
Yxy	23.9124, 0.3134, 0.2648
Android (android.graphics.Color)	4288838052 (0xFFA279A4)
YUV	138.1610, 12.7386, 20.9068
Hunter-Lab	48.9003, 17.7349, -11.9509

Details

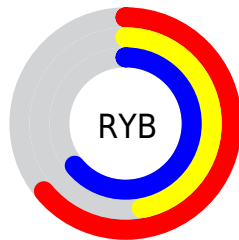
The CIELCh color **56, 28.910, 324.513** is a light color, and the websafe version is hex **996699**. A complement of this color would be **63, 28.835, 141.570**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 28.674, 324.307**, and **36, 28.719, 324.812** is the 20% darker color. If you saturate the color by 10%, you get **52, 39.768, 324.998**, and if you desaturate by 10%, it is **60, 17.866, 324.006**.

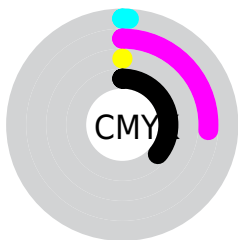
Distribution



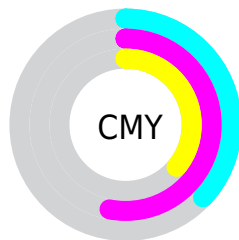
- Red (64%)
- Green (47%)
- Blue (64%)



- Red (64%)
- Yellow (47%)
- Blue (64%)



- Cyan (1%)
- Magenta (26%)
- Yellow (0%)
- Black (36%)





- Cyan (37%)
- Magenta (53%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 28.910, 324.513 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, 28.910, 324.513 by changing the saturation by 10% instead.


 56, 28.910,
324.513


 56, 28.910,
324.513


 100, 28.910,
324.513

 46, 28.910,
324.513


 76, 28.910,
324.513

 36, 28.910,
324.513

 86, 28.910,
324.513

 26, 28.910,
324.513

 96, 28.910,
324.513

 16, 28.910,
324.513

 6, 28.910, 324.513

 0, 28.910, 324.513

56, 28.910,
324.513

56, 28.910,
324.513

52, 39.768,
324.998

60, 17.866,
324.006

48, 50.170,
325.444

64, 6.841, 323.479

45, 59.758,
325.833

69, 4.035, 143.060

42, 68.116,
326.144

73, 14.677,
142.533

40, 74.828,
326.356

78, 25.038,
142.058

39, 79.573,
326.454

83, 35.094,
141.609


38, 82.313,
326.438

87, 44.838,
141.188

37, 83.132,

92, 54.274,
140.794

326.421

 93, 56.069,
140.560

Harmonies

Complementary

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



56, 28.910, 324.513



63, 28.835, 141.570

Rectangle

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



56, 28.910, 324.513



56, 28.910, 14.513



56, 28.910, 144.513



56, 28.910, 194.513

Sweetspot

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



56, 28.908, 324.513



80, 10.788, 323.582



53, 23.669, 291.265



42, 7.735, 323.659



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, 28.908, 324.513



68, 43.356, 324.823



56, 21.541, 343.255



32, 6.177, 323.641



33, 76.200, 326.439



1, 9.515, 322.783

Inverse Universe

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



55, 17.944, 17.822



67, 27.524, 18.623



64, 21.015, 158.798



32, 3.632, 16.130



30, 66.450, 37.386



1, 5.478, 15.897

Previews

White Background



This preview shows how the CIELCh color 56, 28.910, 324.513 looks on a white background.

Color Contrast Check

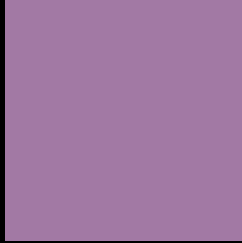
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.910, 324.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

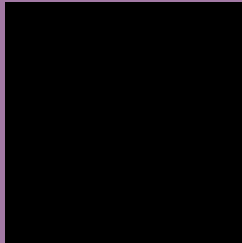
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 28.910, 324.513

Background



This preview shows how black text looks on a background with the CIELCh color 56, 28.910, 324.513.

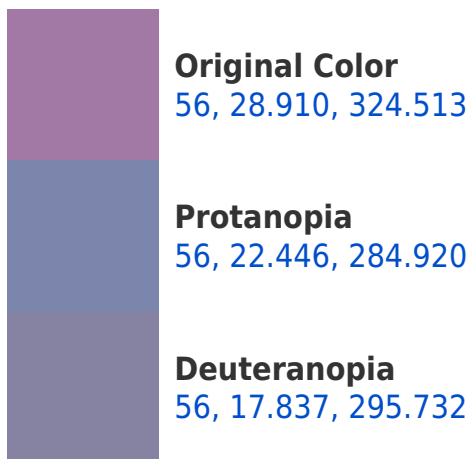


This preview shows how white text looks on a background with the CIELCh color 56, 28.910, 324.513.

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, 14.028, 357.094

Trichromacy



Original Color
56, 28.910, 324.513

Protanomaly
56, 23.234, 300.708

Deuteranomaly
56, 21.667, 309.147

Tritanomaly
56, 18.549, 338.966

Monochromacy



Original Color
56, 28.910, 324.513

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 10.385, 324.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 28.910, 324.513 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(162, 121, 164)` looks like.

```
.text, #text, p{  
    color:rgb(162, 121, 164)  
}
```

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(162, 121, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 121, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 28.910, 324.513 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(162, 121, 164) }
```

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

```
.border{ border-color:rgb(162, 121, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 121, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 121, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 121, 164);  
box-shadow:4px 4px 4px 4px rgb(162, 121,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 28.910, 324.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 121, 164) }
```

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

```
.background{ background-color: rgb(162,  
121, 164) }
```

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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