

Converting Colors

CIELCh(56, 29.188, 308.018)

Have a look what the booklet for
CIELCh(56, 29.188, 308.018)
contains.

CIELCh(56, 29.188, 308.018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 29.188, 308.018)

Conversions

Conversions Part 1

Format	Color
Hex	927DAE
RGB	146, 125, 174
RGB Percent	57%, 49%, 68%
CMY	0.4266, 0.5090, 0.3168
CMYK	0.16, 0.28, 0.00, 0.32
HSL	266°, 23%, 59%
HSV	266°, 28%, 68%
XYZ	26.9109, 23.9124, 43.3509
YIQ	136.8650, -3.2130, 19.6910

Conversions

Conversions Part 2

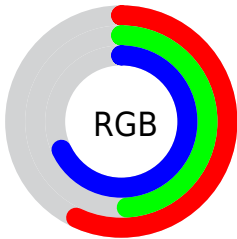
Format	Color
R_{YB}	146, 125, 174
Decimal	9600430
CIE _{Lab}	56.00, 17.98, -22.99
CIE _{LCh}	56, 29.188, 308.018
Yxy	23.9124, 0.2858, 0.2539
Android (android.graphics.Color)	4287790510 (0xFF927DAE)
YUV	136.8650, 18.3076, 8.0114
Hunter-Lab	48.9003, 12.6568, -18.3313

Details

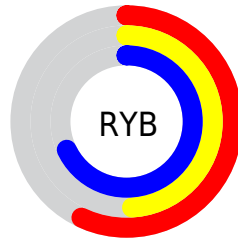
The CIELCh color `56, 29.188, 308.018` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `68, 27.905, 125.176`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `76, 29.163, 307.529`, and `36, 28.913, 308.292` is the 20% darker color. If you saturate the color by 10%, you get `51, 40.069, 308.633`, and if you desaturate by 10%, it is `61, 18.542, 307.442`.

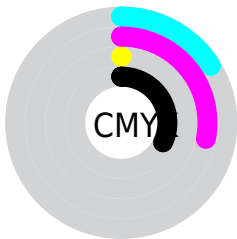
Distribution



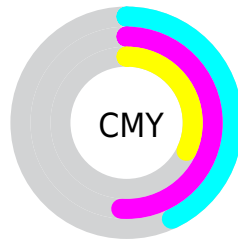
- Red (57%)
- Green (49%)
- Blue (68%)



- Red (57%)
- Yellow (49%)
- Blue (68%)



- Cyan (16%)
- Magenta (28%)
- Yellow (0%)
- Black (32%)





- Cyan (43%)
- Magenta (51%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 29.188, 308.018 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, 29.188, 308.018 by changing the saturation by 10% instead.


 56, 29.188,
308.018


 56, 29.188,
308.018


 100, 29.188,
308.018


 46, 29.188,
308.018


 76, 29.188,
308.018

 36, 29.188,
308.018

 86, 29.188,
308.018

 26, 29.188,
308.018

 96, 29.188,
308.018

 16, 29.188,
308.018

 6, 29.188, 308.018

 0, 29.188, 308.018

56, 29.188,
308.018

56, 29.188,
308.018

51, 40.069,
308.633

61, 18.542,
307.442

45, 51.072,
309.268

67, 8.192, 306.912

72, 1.841, 126.499

41, 61.973,
309.883

78, 11.553,
126.043

36, 72.388,
310.415

83, 20.952,
125.674

32, 81.722,
310.767

88, 30.051,
125.352

28, 89.178,
310.815


94, 38.865,
125.074

26, 94.266,
310.494

96, 42.118,
122.366

25, 95.162,

310.444

 97, 41.216,
117.383

Harmonies

Complementary

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



56, 29.188, 308.018



68, 27.905, 125.176

Rectangle

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



56, 29.188, 308.018



56, 29.188, 358.018



56, 29.188, 128.018



56, 29.188, 178.018

Sweetspot

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



56, 29.186, 308.018



85, 9.992, 306.913



62, 14.822, 249.780



45, 7.174, 306.989



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, 29.186, 308.018



68, 44.111, 308.412



58, 32.264, 323.542



34, 5.691, 306.972



21, 85.305, 310.573



1, 11.706, 303.649

Inverse Universe

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



58, 24.635, 342.332



71, 36.919, 342.973



67, 32.113, 140.497



34, 4.876, 340.666



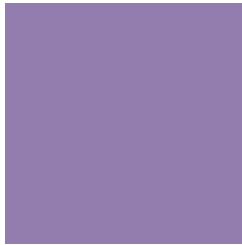
32, 58.423, 354.802



2, 9.549, 344.959

Previews

White Background



This preview shows how the CIELCh color 56, 29.188, 308.018 looks on a white background.

Color Contrast Check

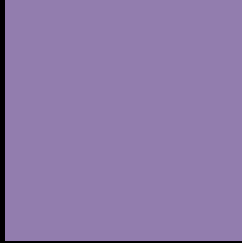
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.188, 308.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

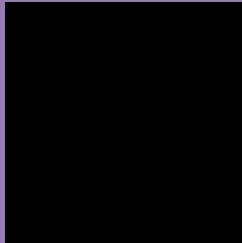
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 29.188, 308.018

Background



This preview shows how black text looks on a background with the CIELCh color 56, 29.188, 308.018.



This preview shows how white text looks on a background with the CIELCh color 56, 29.188, 308.018.

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

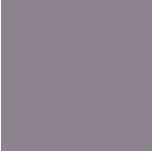
56, 29.188, 308.018

Protanopia

56, 27.049, 284.889

Deuteranopia

56, 23.500, 288.741



Tritanopia
56, 7.442, 322.312

Trichromacy



Original Color
56, 29.188, 308.018

Protanomaly
56, 27.520, 293.364

Deuteranomaly
56, 24.726, 296.247

Tritanomaly
56, 15.341, 311.823

Monochromacy



Original Color
56, 29.188, 308.018

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 10.672, 305.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 29.188, 308.018 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(146, 125, 174)` looks like.

```
.text, #text, p{  
    color:rgb(146, 125, 174)  
}
```

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(146, 125, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 125, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 29.188, 308.018 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(146, 125, 174) }
```

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

```
.border{ border-color:rgb(146, 125, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 125, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 125, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 125, 174);  
box-shadow:4px 4px 4px 4px rgb(146, 125,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 29.188, 308.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 125, 174) }
```

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

```
.background{ background-color: rgb(146,  
125, 174) }
```

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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