

Converting Colors

CIELCh(56, 31.049, 308.111)

Have a look what the booklet for
CIELCh(56, 31.049, 308.111)
contains.

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Color

CIELCh(56, 30.907, 307.909)

Conversions

Conversions Part 1

Format	Color
Hex	937DB1
RGB	147, 125, 177
RGB Percent	58%, 49%, 69%
CMY	0.4249, 0.5111, 0.3073
CMYK	0.17, 0.29, 0.00, 0.31
HSL	265°, 25%, 59%
HSV	265°, 29%, 69%
XYZ	27.1606, 23.9124, 44.5916
YIQ	137.5060, -3.5800, 20.8360

Conversions

Conversions Part 2

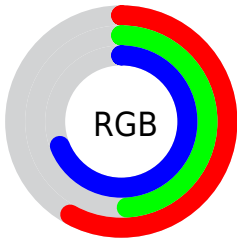
Format	Color
RYB	147, 125, 177
Decimal	9665969
CIELab	56.00, 18.99, -24.39
CIElCh	56, 30.907, 307.909
Yxy	23.9124, 0.2839, 0.2500
Android (android.graphics.Color)	4287856049 (0xFF937DB1)
YUV	137.5060, 19.4705, 8.3262
Hunter-Lab	48.9003, 13.5683, -19.8355

Details

The CIELCh color **56, 30.907, 307.909** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **69, 29.465, 124.899**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 30.879, 308.042**, and **36, 30.745, 308.211** is the 20% darker color. If you saturate the color by 10%, you get **51, 41.935, 308.536**, and if you desaturate by 10%, it is **61, 20.110, 307.320**.

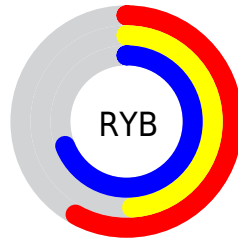
Distribution



Red (58%)

Green (49%)

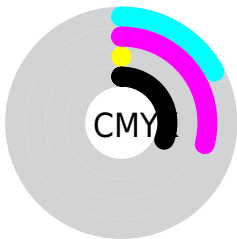
Blue (69%)



Red (58%)

Yellow (49%)

Blue (69%)

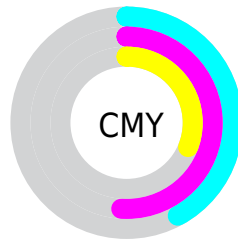


Cyan (17%)

Magenta (29%)

Yellow (0%)

Black (31%)



Cyan (42%)


Magenta (51%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 30.907, 307.909 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, 30.907, 307.909 by changing the saturation by 10% instead.


 56, 30.907,
307.909


 56, 30.907,
307.909


 100, 30.907,
307.909


 46, 30.907,
307.909


 76, 30.907,
307.909

 36, 30.907,
307.909

 86, 30.907,
307.909

 26, 30.907,
307.909

 96, 30.907,
307.909

 16, 30.907,
307.909

 6, 30.907, 307.909

 0, 30.907, 307.909

56, 30.907,
307.909

56, 30.907,
307.909

51, 41.935,
308.536

61, 20.110,
307.320

45, 53.070,
309.181

67, 9.610, 306.780

40, 64.069,
309.801

72, 0.568, 126.456

36, 74.518,
310.329

78, 10.420,
125.889

32, 83.779,
310.662

83, 19.954,
125.510

28, 91.026,
310.669

89, 29.181,
125.181


26, 95.987,
310.339

94, 38.118,
124.896

26, 96.266,

96, 40.722,
121.681

310.325

 97, 39.864,
116.375

Harmonies

Complementary

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



56, 30.907, 307.909



69, 29.465, 124.899

Rectangle

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



56, 30.907, 307.909



56, 30.907, 357.909



56, 30.907, 127.909



56, 30.907, 177.909

Sweetspot

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



56, 30.905, 307.909



85, 11.349, 306.766



62, 15.646, 250.015



44, 7.895, 306.840



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, 30.905, 307.909



68, 45.850, 308.293



59, 34.124, 323.605



35, 5.823, 306.775



22, 86.476, 310.449



1, 13.689, 302.813

Inverse Universe

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



58, 26.160, 342.170



71, 38.476, 342.785



68, 33.961, 140.400



35, 5.014, 340.393



33, 59.261, 354.366



2, 11.125, 345.553

Previews

White Background



This preview shows how the CIE LCh color 56, 30.907, 307.909 looks on a white background.

Color Contrast Check

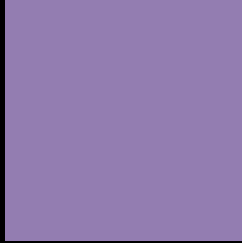
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.907, 307.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

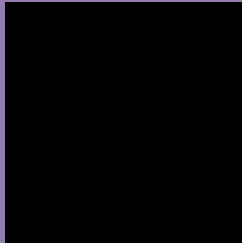
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 30.907, 307.909

Background



This preview shows how black text looks on a background with the CIELCh color 56, 30.907, 307.909.



This preview shows how white text looks on a background with the CIELCh color 56, 30.907, 307.909.

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

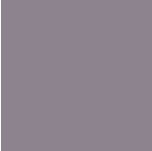
56, 30.907, 307.909

Protanopia

56, 28.765, 285.032

Deuteranopia

56, 24.675, 287.542



Tritanopia
56, 7.442, 322.312

Trichromacy



Original Color
56, 30.907, 307.909

Protanomaly
56, 29.226, 293.547

Deuteranomaly
56, 27.036, 296.200

Tritanomaly
56, 15.876, 311.124

Monochromacy



Original Color
56, 30.907, 307.909

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 10.774, 307.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 30.907, 307.909 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(147, 125, 177)` looks like.

```
.text, #text, p{  
    color:rgb(147, 125, 177)  
}
```

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(147, 125, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 125, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 30.907, 307.909 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(147, 125, 177) }
```

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

```
.border{ border-color:rgb(147, 125, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 125, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 125, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 125, 177);  
box-shadow:4px 4px 4px 4px rgb(147, 125,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 30.907, 307.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 125, 177) }
```

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

```
.background{ background-color: rgb(147,  
125, 177) }
```

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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