

Converting Colors

CIELCh(56, 29.075, 301.776)

Have a look what the booklet for
CIELCh(56, 29.075, 301.776)
contains.

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Color

CIELCh(56, 29.078, 301.635)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8B7FB1 |
| RGB | 139, 127, 177 |
| RGB Percent | 55%, 50%, 69% |
| CMY | 0.4542, 0.5012, 0.3051 |
| CMYK | 0.21, 0.28, 0.00, 0.31 |
| HSL | 254°, 24%, 60% |
| HSV | 254°, 28%, 69% |
| XYZ | 26.2462, 23.9124, 44.9274 |
| YIQ | 136.2880, -8.8980, 18.0940 |

Conversions

Conversions Part 2

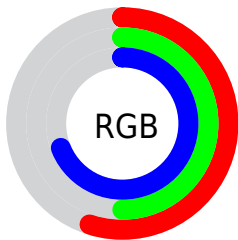
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 139, 127, 177 |
| Decimal | 9142193 |
| CIE _{Lab} | 56.00, 15.25, -24.76 |
| CIE _{LCh} | 56, 29.078, 301.635 |
| Yxy | 23.9124, 0.2760, 0.2515 |
| Android (android.graphics.Color) | 4287332273 (0xFF8B7FB1) |
| YUV | 136.2880, 20.0710, 2.3784 |
| Hunter-Lab | 48.9003, 10.2306, -20.2428 |

Details

The CIELCh color $56, 29.078, 301.635$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $70, 27.398, 117.747$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 29.022, 301.379$, and $36, 28.904, 301.624$ is the 20% darker color. If you saturate the color by 10%, you get $50, 40.083, 302.578$, and if you desaturate by 10%, it is $62, 18.434, 300.796$.

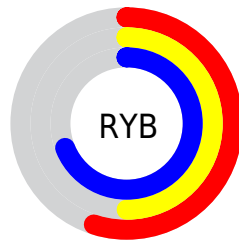
Distribution



Red (55%)

Green (50%)

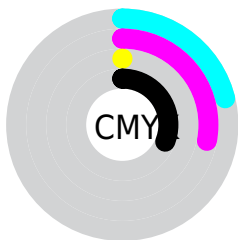
Blue (69%)



Red (55%)

Yellow (50%)

Blue (69%)

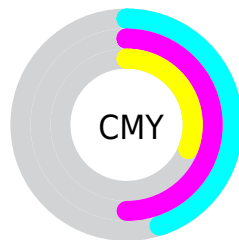


Cyan (21%)

Magenta (28%)

Yellow (0%)

Black (31%)



Cyan (45%)


Magenta (50%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 29.078, 301.635 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, 29.078, 301.635 by changing the saturation by 10% instead.


 56, 29.078,
301.635


 56, 29.078,
301.635


 100, 29.078,
301.635


 46, 29.078,
301.635


 76, 29.078,
301.635

 36, 29.078,
301.635

 86, 29.078,
301.635

 26, 29.078,
301.635

 96, 29.078,
301.635

 16, 29.078,
301.635

 6, 29.078, 301.635

 0, 29.078, 301.635

56, 29.078,
301.635

56, 29.078,
301.635

50, 40.083,
302.578

62, 18.434,
300.796

45, 51.391,
303.615

68, 8.170, 300.059

39, 62.841,
304.715

73, 1.723, 119.437

34, 74.086,
305.806

79, 11.260,
118.872

29, 84.477,
306.763

85, 20.463,
118.393

26, 92.987,
307.400

90, 29.351,
117.981


23, 98.777,
307.605

96, 37.945,
117.627

23, 99.730,

98, 39.166,
111.764

307.655

 98, 39.023,
107.201

Harmonies

Complementary

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



56, 29.078, 301.635



70, 27.398, 117.747

Rectangle

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



56, 29.078, 301.635



56, 29.078, 351.635



56, 29.078, 121.635



56, 29.078, 171.635

Sweetspot

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



56, 29.077, 301.635



85, 9.807, 300.053



66, 14.482, 225.153



44, 6.981, 300.156



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, 29.077, 301.635



67, 43.722, 302.222



58, 31.396, 317.976



35, 5.671, 300.136



19, 89.387, 307.746



1, 13.447, 297.428

Inverse Universe

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



59, 28.469, 333.831



72, 42.227, 334.290



69, 30.835, 135.424



35, 5.710, 332.530



34, 65.809, 340.469



2, 12.849, 335.617

Previews

White Background



This preview shows how the CIELCh color 56, 29.078, 301.635 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, 29.078, 301.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

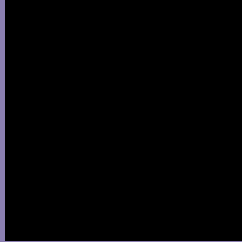
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 29.078, 301.635

Background



This preview shows how black text looks on a background with the CIELCh color 56, 29.078, 301.635.



This preview shows how white text looks on a background with the CIELCh color 56, 29.078, 301.635.

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, 29.078, 301.635

Protanopia

56, 27.646, 284.501

Deuteranopia

56, 25.266, 287.002



Tritanopia
56, 6.306, 290.936

Trichromacy



Original Color
56, 29.078, 301.635

Protanomaly
56, 28.063, 290.701

Deuteranomaly
56, 26.382, 293.241

Tritanomaly
56, 14.449, 297.710

Monochromacy



Original Color
56, 29.078, 301.635

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 10.441, 299.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 29.078, 301.635 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(139, 127, 177)` looks like.

```
.text, #text, p{  
    color:rgb(139, 127, 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(139, 127, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 127, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 29.078, 301.635 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(139, 127, 177) }
```

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

```
.border{ border-color:rgb(139, 127, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 127, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 127, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 127, 177);  
box-shadow:4px 4px 4px 4px rgb(139, 127,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 29.078, 301.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 127, 177) }
```

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

```
.background{ background-color: rgb(139,  
127, 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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