

Converting Colors

CIELCh(56, 16.017, 287.516)

Have a look what the booklet for
CIELCh(56, 16.017, 287.516)
contains.

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Color

CIELCh(56, 16.067, 286.953)

Conversions

Conversions Part 1

Format	Color
Hex	8185A1
RGB	129, 133, 161
RGB Percent	51%, 52%, 63%
CMY	0.4952, 0.4795, 0.3697
CMYK	0.20, 0.17, 0.00, 0.37
HSL	232°, 15%, 57%
HSV	232°, 20%, 63%
XYZ	23.7730, 23.9124, 36.9535
YIQ	134.9960, -11.3720, 7.8600

Conversions

Conversions Part 2

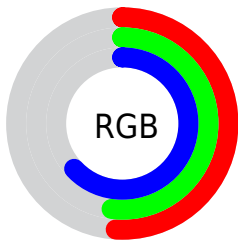
Format	Color
R_{YB}	129, 133, 161
Decimal	8488353
CIE _{Lab}	56.00, 4.68, -15.37
CIE _{LCh}	56, 16.067, 286.953
Yxy	23.9124, 0.2809, 0.2825
Android (android.graphics.Color)	4286678433 (0xFF8185A1)
YUV	134.9960, 12.8200, -5.2585
Hunter-Lab	48.9003, 1.2024, -10.5746

Details

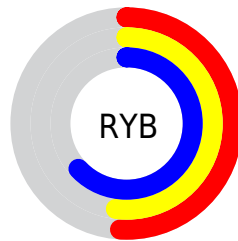
The CIELCh color $56, 16.067, 286.953$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $64, 15.561, 102.449$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 16.192, 286.801$, and $36, 15.579, 285.805$ is the 20% darker color. If you saturate the color by 10%, you get $51, 24.564, 288.460$, and if you desaturate by 10%, it is $61, 7.863, 285.665$.

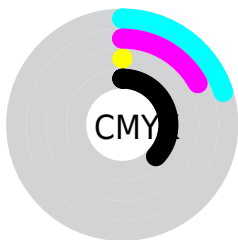
Distribution



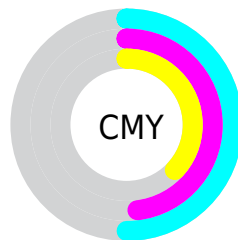
- Red (51%)
- Green (52%)
- Blue (63%)



- Red (51%)
- Yellow (52%)
- Blue (63%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)
- Black (37%)





- Cyan (50%)
- Magenta (48%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 16.067, 286.953 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, 16.067, 286.953 by changing the saturation by 10% instead.


 56, 16.067,
286.953


 56, 16.067,
286.953


 100, 16.067,
286.953


 46, 16.067,
286.953


 76, 16.067,
286.953

 36, 16.067,
286.953

 86, 16.067,
286.953

 26, 16.067,
286.953

 96, 16.067,
286.953

 16, 16.067,
286.953

 6, 16.067, 286.953

 0, 16.067, 286.953

■ 56, 16.067,
286.953

■ 56, 16.067,
286.953

■ 51, 24.564,
288.460

■ 61, 7.863, 285.665

■ 46, 33.383,
290.220

■ 66, 0.068, 103.057

■ 71, 7.745, 103.580

■ 41, 42.542,
292.256

■ 76, 15.186,
102.765

■ 36, 52.037,
294.566

■ 81, 22.405,
102.053

■ 31, 61.781,
297.102

■ 86, 29.414,
101.431

■ 27, 71.502,
299.734

■ 91, 36.225,
100.885

■ 23, 80.585,
302.235

■ 96, 42.746,
101.632

■ 20, 88.086,

304.244

■ 98, 47.013,
106.584

■ 20, 88.148,
304.259

Harmonies

Complementary

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



56, 16.067, 286.953



64, 15.561, 102.449

Rectangle

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



56, 16.067, 286.953



56, 16.067, 336.953



56, 16.067, 106.953



56, 16.067, 156.953

Sweetspot

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



56, 16.066, 286.951



80, 5.869, 285.233



64, 12.000, 186.877



42, 3.888, 285.299



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



56, 16.066, 286.951



69, 24.191, 287.608



56, 18.928, 305.382



32, 4.543, 285.591



18, 81.407, 304.089



1, 7.065, 285.150

Inverse Universe

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



57, 13.179, 10.954



70, 19.949, 11.494



64, 18.290, 123.265



32, 3.673, 9.835



30, 63.545, 33.483



1, 5.549, 10.066

Previews

White Background



This preview shows how the CIELCh color 56, 16.067, 286.953 looks on a white background.

Color Contrast Check

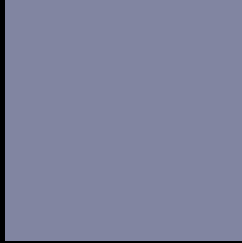
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.067, 286.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

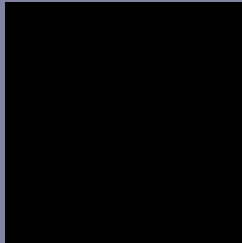
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 16.067, 286.953

Background



This preview shows how black text looks on a background with the CIELCh color 56, 16.067, 286.953.



This preview shows how white text looks on a background with the CIELCh color 56, 16.067, 286.953.

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, 16.067, 286.953

Protanopia

56, 16.095, 285.696

Deuteranopia

56, 17.266, 295.795



Tritanopia
56, 7.071, 262.502

Trichromacy



Original Color
56, 16.067, 286.953

Protanomaly
56, 16.095, 285.696

Deuteranomaly
56, 16.623, 292.132

Tritanomaly
56, 10.014, 276.404

Monochromacy



Original Color
56, 16.067, 286.953

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 5.733, 287.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 16.067, 286.953 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(129, 133, 161)` looks like.

```
.text, #text, p{  
    color:rgb(129, 133, 161)  
}
```

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(129, 133, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 133, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 16.067, 286.953 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(129, 133, 161) }
```

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

```
.border{ border-color:rgb(129, 133, 161) }
```

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

Here you see how a box with a 4 pixel rgb(129, 133, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 133, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 133, 161);  
box-shadow:4px 4px 4px 4px rgb(129, 133,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 16.067, 286.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 133, 161) }
```

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

```
.background{ background-color: rgb(129,  
133, 161) }
```

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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