

Converting Colors

CIELCh(56, 9.299, 284.730)

Have a look what the booklet for
CIELCh(56, 9.299, 284.730) contains.

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Color

CIELCh(56, 9.205, 284.293)

Conversions

Conversions Part 1

Format	Color
Hex	838696
RGB	131, 134, 150
RGB Percent	51%, 53%, 59%
CMY	0.4879, 0.4762, 0.4135
CMYK	0.13, 0.11, 0.00, 0.41
HSL	231°, 8%, 55%
HSV	231°, 13%, 59%
XYZ	23.2310, 23.9124, 32.0622
YIQ	134.9270, -6.9240, 4.3400

Conversions

Conversions Part 2

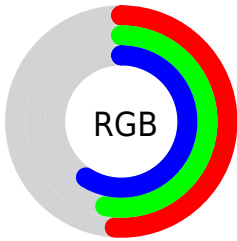
Format	Color
R_{YB}	131, 134, 150
Decimal	8619670
CIE _{Lab}	56.00, 2.27, -8.92
CIE _{LCh}	56, 9.205, 284.293
Yxy	23.9124, 0.2933, 0.3019
Android (android.graphics.Color)	4286809750 (0xFF838696)
YUV	134.9270, 7.4310, -3.4440
Hunter-Lab	48.9003, -0.7759, -4.6441

Details

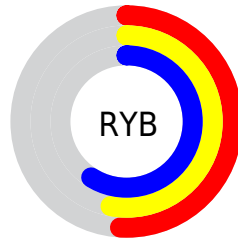
The CIELCh color **56, 9.205, 284.293** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **61, 9.042, 101.442**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 9.198, 284.390**, and **36, 9.337, 286.838** is the 20% darker color. If you saturate the color by 10%, you get **51, 16.712, 285.654**, and if you desaturate by 10%, it is **61, 1.931, 283.155**.

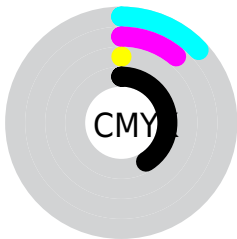
Distribution



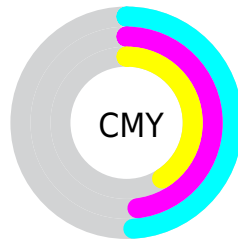
- Red (51%)
- Green (53%)
- Blue (59%)



- Red (51%)
- Yellow (53%)
- Blue (59%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (48%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 9.205, 284.293 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, 9.205, 284.293 by changing the saturation by 10% instead.

■ 56, 9.205, 284.293

■ 56, 9.205, 284.293

■ 100, 9.205,
284.293

■ 46, 9.205, 284.293

■ 76, 9.205, 284.293

■ 36, 9.205, 284.293

■ 86, 9.205, 284.293

■ 26, 9.205, 284.293

■ 96, 9.205, 284.293

■ 16, 9.205, 284.293

■ 6, 9.205, 284.293

■ 0, 9.205, 284.293

■ 56, 9.205, 284.293

■ 56, 9.205, 284.293

■ 51, 16.712,
285.654

■ 61, 1.931, 283.155

■ 65, 5.124, 102.064

47, 24.476,
287.252

70, 11.973,
101.199

42, 32.518,
289.111

74, 18.628,
100.439

37, 40.858,
291.255

79, 25.100, 99.773

84, 31.397, 99.187

33, 49.493,
293.680

88, 37.528, 98.668

29, 58.354,
296.333

92, 43.500, 98.207

25, 67.213,
299.083

96, 48.834,
102.560

21, 75.555,
301.711

19, 80.911,
303.300

Harmonies

Complementary

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



56, 9.205, 284.293



61, 9.042, 101.442

Rectangle

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



56, 9.205, 284.293



56, 9.205, 334.293



56, 9.205, 104.293



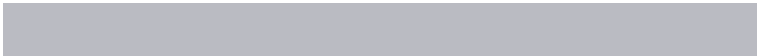
56, 9.205, 154.293

Sweetspot

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



56, 9.204, 284.288



76, 3.540, 283.288



60, 7.422, 184.812



39, 2.510, 283.361



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



56, 9.204, 284.288



70, 13.484, 284.623



56, 11.197, 303.752



29, 4.037, 283.860



17, 75.732, 303.125



1, 3.486, 282.812

Inverse Universe

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



56, 7.815, 7.598



70, 11.487, 7.874



61, 10.944, 122.382



29, 3.411, 7.237



28, 59.638, 31.066



1, 2.910, 6.499

Previews

White Background



This preview shows how the CIE LCh color 56, 9.205, 284.293 looks on a white background.

Color Contrast Check

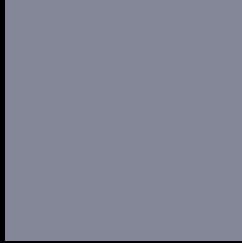
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.205, 284.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

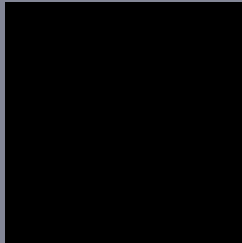
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

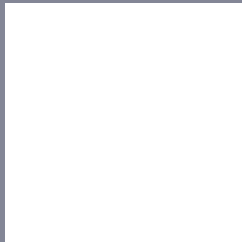
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 9.205, 284.293

Background



This preview shows how black text looks on a background with the CIELCh color 56, 9.205, 284.293.



This preview shows how white text looks on a background with the CIELCh color 56, 9.205, 284.293.

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, 9.205, 284.293

Protanopia

56, 9.171, 288.932

Deuteranopia

56, 11.460, 308.712



Tritanopia
56, 6.450, 277.386

Trichromacy



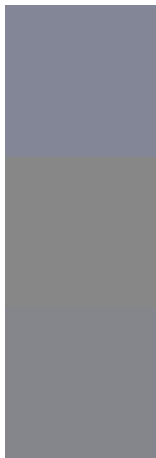
Original Color
56, 9.205, 284.293

Protanomaly
56, 9.187, 286.607

Deuteranomaly
56, 10.519, 301.695

Tritanomaly
56, 7.565, 279.619

Monochromacy



Original Color
56, 9.205, 284.293

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 3.454, 284.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 9.205, 284.293 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(131, 134, 150)` looks like.

```
.text, #text, p{  
    color:rgb(131, 134, 150)  
}
```

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(131, 134, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 134, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 9.205, 284.293 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(131, 134, 150) }
```

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

```
.border{ border-color:rgb(131, 134, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 134, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 134, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 134, 150);  
box-shadow:4px 4px 4px 4px rgb(131, 134,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 9.205, 284.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 134, 150) }
```

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

```
.background{ background-color: rgb(131,  
134, 150) }
```

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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