

Converting Colors

CIELCh(56, 10.903, 291.044)

Have a look what the booklet for
CIELCh(56, 10.903, 291.044)
contains.

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Color

CIELCh(56, 10.886, 291.468)

Conversions

Conversions Part 1

Format	Color
Hex	858598
RGB	133, 133, 152
RGB Percent	52%, 52%, 60%
CMY	0.4796, 0.4796, 0.4051
CMYK	0.13, 0.13, 0.00, 0.41
HSL	240°, 8%, 56%
HSV	240°, 13%, 59%
XYZ	23.6146, 23.9124, 32.9454
YIQ	135.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

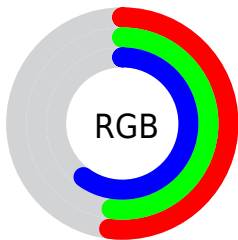
Format	Color
R_{YB}	133, 133, 152
Decimal	8750488
CIE _{Lab}	56.00, 3.98, -10.13
CIE _{LCh}	56, 10.886, 291.468
Yxy	23.9124, 0.2935, 0.2972
Android (android.graphics.Color)	4286940568 (0xFF858598)
YUV	135.1660, 8.2992, -1.8996
Hunter-Lab	48.9003, 0.6245, -5.7149

Details

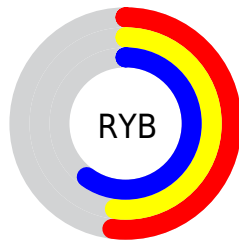
The CIELCh color $56, 10.886, 291.468$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 10.585, 108.993$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 10.778, 291.183$, and $36, 10.558, 289.762$ is the 20% darker color. If you saturate the color by 10%, you get $51, 19.972, 292.695$, and if you desaturate by 10%, it is $61, 2.155, 290.435$.

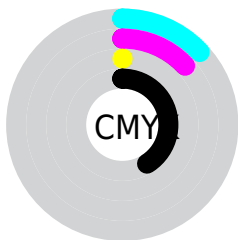
Distribution



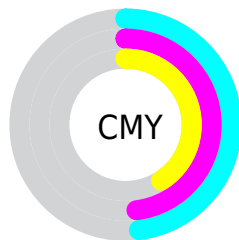
- Red (52%)
- Green (52%)
- Blue (60%)



- Red (52%)
- Yellow (52%)
- Blue (60%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 10.886, 291.468 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, 10.886, 291.468 by changing the saturation by 10% instead.

■ 56, 10.886,
291.468

■ 56, 10.886,
291.468

■ 100, 10.886,
291.468

■ 46, 10.886,
291.468

■ 76, 10.886,
291.468

■ 36, 10.886,
291.468

■ 86, 10.886,
291.468

■ 26, 10.886,
291.468

■ 96, 10.886,
291.468

■ 16, 10.886,
291.468

■ 6, 10.886, 291.468

■ 0, 10.886, 291.468

56, 10.886,
291.468

56, 10.886,
291.468

51, 19.972,
292.695

61, 2.155, 290.435

45, 29.444,
294.140

67, 6.243, 109.510

40, 39.314,
295.820

72, 14.336,
108.752

35, 49.560,
297.734

77, 22.143,
108.101

30, 60.049,
299.838

82, 29.685,
107.540

25, 70.396,
302.001

88, 36.980,
107.055


21, 79.764,
303.983


93, 44.042,
106.634

18, 86.812,

98, 50.888,
106.267

305.460

 98, 51.313,
106.252

 17, 90.811,
306.285

Harmonies

Complementary

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



56, 10.886, 291.468



62, 10.585, 108.993

Rectangle

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



56, 10.886, 291.468



56, 10.886, 341.468



56, 10.886, 111.468



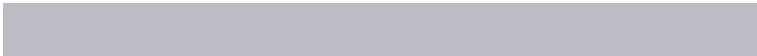
56, 10.886, 161.468

Sweetspot

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



56, 10.885, 291.464



77, 4.227, 290.578



61, 7.102, 197.365



40, 3.031, 290.647



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



56, 10.885, 291.464



69, 16.180, 291.786



57, 11.452, 309.039



29, 4.917, 291.102



15, 85.757, 306.285



0, 5.229, 290.172

Inverse Universe

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



57, 7.662, 20.141



71, 11.449, 20.365



62, 11.252, 127.941



30, 3.439, 19.884



28, 66.108, 39.044



1, 3.595, 19.393

Previews

White Background



This preview shows how the CIELCh color 56, 10.886, 291.468 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, 10.886, 291.468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

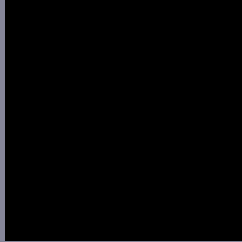
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

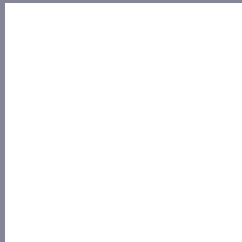
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 10.886, 291.468

Background



This preview shows how black text looks on a background with the CIELCh color 56, 10.886, 291.468.



This preview shows how white text looks on a background with the CIELCh color 56, 10.886, 291.468.

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

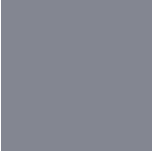
56, 10.886, 291.468

Protanopia

56, 10.898, 287.578

Deuteranopia

56, 12.457, 305.520



Tritanopia
56, 6.380, 280.684

Trichromacy



Original Color
56, 10.886, 291.468

Protanomaly
56, 10.886, 289.518

Deuteranomaly
56, 11.646, 300.762

Tritanomaly
56, 7.467, 285.275

Monochromacy



Original Color
56, 10.886, 291.468

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 4.010, 290.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 10.886, 291.468 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(133, 133, 152)` looks like.

```
.text, #text, p{  
    color:rgb(133, 133, 152)  
}
```

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(133, 133, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 133, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 10.886, 291.468 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(133, 133, 152) }
```

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

```
.border{ border-color:rgb(133, 133, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 133, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 133, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 133, 152);  
box-shadow:4px 4px 4px 4px rgb(133, 133,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 10.886, 291.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 133, 152) }
```

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

```
.background{ background-color: rgb(133,  
133, 152) }
```

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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