

Converting Colors

CIELCh(58, 10.821, 301.289)

Have a look what the booklet for
CIELCh(58, 10.821, 301.289)
contains.

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Color

CIELCh(58, 10.450, 301.671)

Conversions

Conversions Part 1

Format	Color
Hex	8E899B
RGB	142, 137, 155
RGB Percent	56%, 54%, 61%
CMY	0.4436, 0.4632, 0.3926
CMYK	0.08, 0.12, 0.00, 0.39
HSL	257°, 8%, 57%
HSV	257°, 12%, 61%
XYZ	25.9705, 25.9610, 34.6001
YIQ	140.5470, -2.7980, 6.6580

Conversions

Conversions Part 2

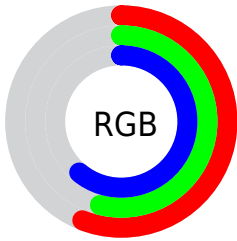
Format	Color
R_{YB}	142, 137, 155
Decimal	9341339
CIE Lab	58.00, 5.49, -8.89
CIE LCh	58, 10.450, 301.671
Yxy	25.9610, 0.3001, 0.3000
Android (android.graphics.Color)	4287531419 (0xFF8E899B)
YUV	140.5470, 7.1253, 1.2743
Hunter-Lab	50.9519, 1.8167, -4.5959

Details

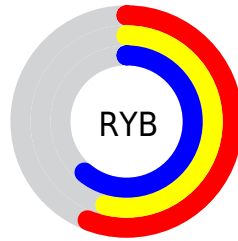
The CIELCh color $58, 10.450, 301.671$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 10.215, 120.291$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 10.446, 302.912$, and $38, 10.701, 302.537$ is the 20% darker color. If you saturate the color by 10%, you get $53, 19.784, 302.375$, and if you desaturate by 10%, it is $63, 1.437, 301.029$.

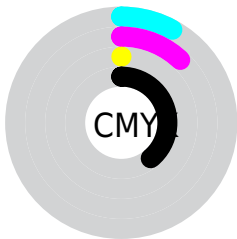
Distribution



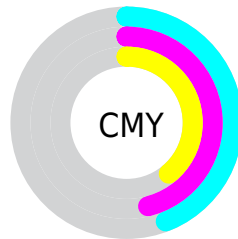
- Red (56%)
- Green (54%)
- Blue (61%)



- Red (56%)
- Yellow (54%)
- Blue (61%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (39%)





- Cyan (44%)
- Magenta (46%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 10.450, 301.671 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 58, 10.450, 301.671 by changing the saturation by 10% instead.


 58, 10.450,
301.671


 58, 10.450,
301.671


 100, 10.450,
301.671


 48, 10.450,
301.671


 78, 10.450,
301.671

 38, 10.450,
301.671

 88, 10.450,
301.671

 28, 10.450,
301.671

 98, 10.450,
301.671

 18, 10.450,
301.671

 8, 10.450, 301.671

 0, 10.450, 301.671

■ 58, 10.450,
301.671

■ 58, 10.450,
301.671

■ 53, 19.784,
302.375

■ 63, 1.437, 301.029

■ 48, 29.441,
303.170

■ 68, 7.260, 120.518

■ 43, 39.387,
304.050

■ 73, 15.656,
120.047

■ 38, 49.539,
304.999

■ 78, 23.769,
119.642

■ 33, 59.708,
305.974

■ 83, 31.616,
119.292

■ 29, 69.522,
306.897

■ 88, 39.212,
118.991

■ 25, 78.338,
307.637

■ 93, 46.574,
118.733

■ 22, 85.238,

■ 96, 50.726,
116.833

308.020

97, 50.064,
111.969

20, 89.675,
308.166

Harmonies

Complementary

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



58, 10.450, 301.671



63, 10.215, 120.291

Rectangle

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



58, 10.450, 301.671



58, 10.450, 351.671



58, 10.450, 121.671



58, 10.450, 171.671

Sweetspot

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



58, 10.448, 301.668



79, 3.299, 301.124



61, 5.554, 228.227



42, 2.522, 301.173



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 10.448, 301.668



72, 15.669, 301.847



59, 11.538, 318.281



30, 5.011, 301.511



17, 83.320, 308.243



0, 5.334, 300.782

Inverse Universe

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



59, 10.173, 334.134



74, 15.212, 334.320



62, 11.456, 137.304



30, 4.891, 333.966



31, 60.276, 342.842



1, 5.204, 333.874

Previews

White Background



This preview shows how the CIELCh color 58, 10.450, 301.671 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 58, 10.450, 301.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

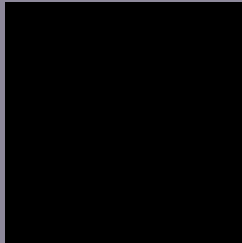
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

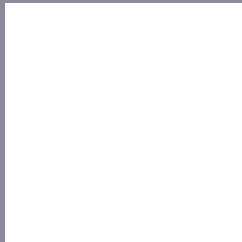
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 10.450, 301.671

Background



This preview shows how black text looks on a background with the CIELCh color 58, 10.450, 301.671.



This preview shows how white text looks on a background with the CIELCh color 58, 10.450, 301.671.

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


58, 10.450, 301.671

Protanopia

58, 10.246, 289.294

Deuteranopia

58, 11.505, 310.503



Tritanopia
58, 6.382, 301.209

Trichromacy



Original Color
58, 10.450, 301.671

Protanomaly
58, 10.258, 293.436

Deuteranomaly
58, 11.386, 308.694

Tritanomaly
58, 7.503, 299.733

Monochromacy



Original Color
58, 10.450, 301.671

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 3.511, 303.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 10.450, 301.671 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(142, 137, 155)` looks like.

```
.text, #text, p{  
    color:rgb(142, 137, 155)  
}
```

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(142, 137, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 137, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 10.450, 301.671 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(142, 137, 155) }
```

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

```
.border{ border-color:rgb(142, 137, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 137, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 137, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 137, 155);  
box-shadow:4px 4px 4px 4px rgb(142, 137,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 10.450, 301.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 137, 155) }
```

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

```
.background{ background-color: rgb(142,  
137, 155) }
```

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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