

Converting Colors

CIELCh(53, 18.262, 309.397)

Have a look what the booklet for
CIELCh(53, 18.262, 309.397)
contains.

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Color

CIELCh(53, 18.235, 308.834)

Conversions

Conversions Part 1

Format	Color
Hex	877997
RGB	135, 121, 151
RGB Percent	53%, 47%, 59%
CMY	0.4707, 0.5256, 0.4080
CMYK	0.11, 0.20, 0.00, 0.41
HSL	268°, 13%, 53%
HSV	268°, 20%, 59%
XYZ	22.4008, 21.0462, 32.1432
YIQ	128.6060, -1.2860, 12.2980

Conversions

Conversions Part 2

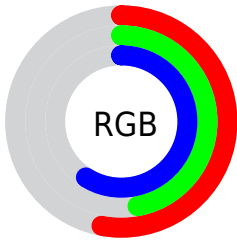
Format	Color
R_YB	135, 121, 151
Decimal	8878487
CIE Lab	53.00, 11.43, -14.20
CIE LCh	53, 18.235, 308.834
Yxy	21.0462, 0.2963, 0.2784
Android (android.graphics.Color)	4287068567 (0xFF877997)
YUV	128.6060, 11.0402, 5.6075
Hunter-Lab	45.8761, 6.8765, -9.4284

Details

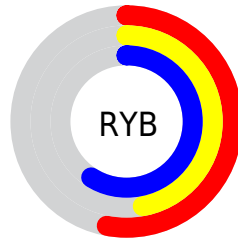
The CIELCh color $53, 18.235, 308.834$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61, 17.723, 126.994$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 18.286, 308.706$, and $33, 18.490, 309.126$ is the 20% darker color. If you saturate the color by 10%, you get $48, 27.774, 309.372$, and if you desaturate by 10%, it is $58, 8.930, 308.331$.

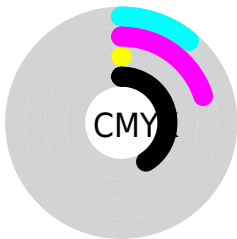
Distribution



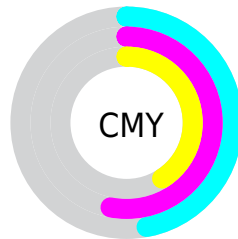
- Red (53%)
- Green (47%)
- Blue (59%)



- Red (53%)
- Yellow (47%)
- Blue (59%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (41%)





- Cyan (47%)
- Magenta (53%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 18.235, 308.834 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 53, 18.235, 308.834 by changing the saturation by 10% instead.


 53, 18.235,
308.834


 53, 18.235,
308.834


 100, 18.235,
308.834


 43, 18.235,
308.834


 73, 18.235,
308.834

 33, 18.235,
308.834

 83, 18.235,
308.834

 23, 18.235,
308.834

 93, 18.235,
308.834

 13, 18.235,
308.834

 3, 18.235, 308.834

 0, 18.235, 308.834

53, 18.235,
308.834

53, 18.235,
308.834

48, 27.774,
309.372

58, 8.930, 308.331

44, 37.486,
309.938

63, 0.108, 128.697

67, 8.870, 127.494

39, 47.247,
310.508

72, 17.359,
127.131

35, 56.837,
311.041

77, 25.583,
126.813

31, 65.896,
311.474

81, 33.554,
126.536

27, 73.892,
311.716


86, 41.285,
126.296


24, 80.160,
311.653

91, 48.788,
126.088

22, 84.783,

311.344

 95, 55.075,
125.584

 22, 84.844,
311.342

Harmonies

Complementary

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



53, 18.235, 308.834



61, 17.723, 126.994

Rectangle

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



53, 18.235, 308.834



53, 18.235, 358.834



53, 18.235, 128.834



53, 18.235, 178.834

Sweetspot

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



53, 18.233, 308.833



76, 6.691, 308.150



56, 9.643, 252.462



40, 4.477, 308.178



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



53, 18.233, 308.833



65, 27.457, 309.077



54, 20.442, 324.087



30, 5.165, 308.300



20, 80.350, 311.415



1, 5.505, 307.614

Inverse Universe

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



54, 15.036, 343.520



67, 22.569, 343.953



60, 20.390, 141.952



30, 4.280, 342.578



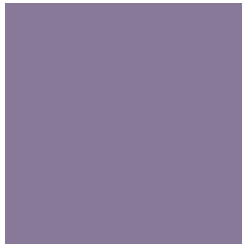
30, 54.855, 357.923



1, 4.551, 342.354

Previews

White Background



This preview shows how the CIELCh color 53, 18.235, 308.834 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 53, 18.235, 308.834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

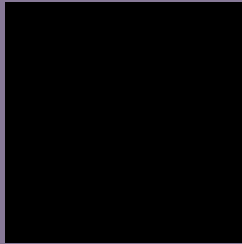
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 18.235, 308.834

Background



This preview shows how black text looks on a background with the CIELCh color 53, 18.235, 308.834.



This preview shows how white text looks on a background with the CIELCh color 53, 18.235, 308.834.

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


53, 18.235, 308.834

Protanopia

53, 16.846, 286.144

Deuteranopia

53, 15.129, 296.208



Tritanopia
53, 6.620, 319.105

Trichromacy



Original Color
53, 18.235, 308.834

Protanomaly
53, 16.818, 293.472

Deuteranomaly
53, 15.912, 301.448

Tritanomaly
53, 10.625, 312.578

Monochromacy



Original Color
53, 18.235, 308.834

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 6.676, 307.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 18.235, 308.834 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(135, 121, 151)` looks like.

```
.text, #text, p{  
    color:rgb(135, 121, 151)  
}
```

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(135, 121, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 121, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 18.235, 308.834 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(135, 121, 151) }
```

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

```
.border{ border-color:rgb(135, 121, 151) }
```

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

Here you see how a box with a 4 pixel rgb(135, 121, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 121, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 121, 151);  
box-shadow:4px 4px 4px 4px rgb(135, 121,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 18.235, 308.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 121, 151) }
```

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

```
.background{ background-color: rgb(135,  
121, 151) }
```

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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