

Converting Colors

CIELCh(53, 18.320, 306.248)

Have a look what the booklet for
CIELCh(53, 18.320, 306.248)
contains.

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Color

CIELCh(53, 18.597, 306.119)

Conversions

Conversions Part 1

Format	Color
Hex	857998
RGB	133, 121, 152
RGB Percent	52%, 47%, 60%
CMY	0.4771, 0.5242, 0.4026
CMYK	0.12, 0.20, 0.00, 0.40
HSL	263°, 13%, 54%
HSV	263°, 20%, 60%
XYZ	22.2982, 21.0462, 32.7392
YIQ	128.1220, -2.7990, 12.1850

Conversions

Conversions Part 2

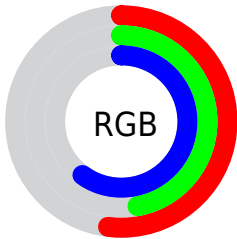
Format	Color
RYB	133, 121, 152
Decimal	8747416
CIELab	53.00, 10.96, -15.02
CIELCh	53, 18.597, 306.119
Yxy	21.0462, 0.2931, 0.2766
Android (android.graphics.Color)	4286937496 (0xFF857998)
YUV	128.1220, 11.7719, 4.2780
Hunter-Lab	45.8761, 6.4773, -10.1987

Details

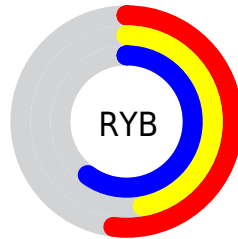
The CIELCh color $53, 18.597, 306.119$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61, 17.977, 124.024$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 18.616, 306.124$, and $33, 18.908, 306.296$ is the 20% darker color. If you saturate the color by 10%, you get $48, 28.151, 306.743$, and if you desaturate by 10%, it is $58, 9.314, 305.548$.

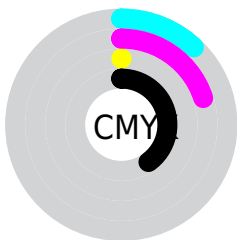
Distribution



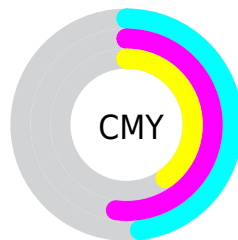
- Red (52%)
- Green (47%)
- Blue (60%)



- Red (52%)
- Yellow (47%)
- Blue (60%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)





- Cyan (48%)
- Magenta (52%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 18.597, 306.119 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, 18.597, 306.119 by changing the saturation by 10% instead.


 53, 18.597,
306.119


 53, 18.597,
306.119


 100, 18.597,
306.119


 43, 18.597,
306.119


 73, 18.597,
306.119

 33, 18.597,
306.119

 83, 18.597,
306.119

 23, 18.597,
306.119

 93, 18.597,
306.119

 13, 18.597,
306.119

 3, 18.597, 306.119

 0, 18.597, 306.119

53, 18.597,
306.119

53, 18.597,
306.119

48, 28.151,
306.743

58, 9.314, 305.548

63, 0.323, 304.849

43, 37.931,
307.417

68, 8.376, 124.611

39, 47.831,
308.118

73, 16.791,
124.215

34, 57.649,
308.806

77, 24.935,
123.872

30, 67.030,
309.412

82, 32.821,
123.574

26, 75.408,
309.833


87, 40.464,
123.318

23, 82.030,
309.933

92, 47.877,
123.097

21, 86.826,

309.799

 95, 53.229,
122.145

Harmonies

Complementary

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



53, 18.597, 306.119



61, 17.977, 124.024

Rectangle

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



53, 18.597, 306.119



53, 18.597, 356.119



53, 18.597, 126.119



53, 18.597, 176.119

Sweetspot

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



53, 18.596, 306.118



77, 6.663, 305.322



57, 9.561, 244.264



40, 4.412, 305.353



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, 18.596, 306.118



66, 27.419, 306.370



54, 20.710, 322.183



30, 5.092, 305.488



19, 81.668, 309.876



1, 5.423, 304.793

Inverse Universe

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



54, 16.374, 339.563



68, 24.035, 339.911



60, 20.598, 140.162



30, 4.524, 338.667



30, 56.573, 351.084



1, 4.813, 338.508

Previews

White Background



This preview shows how the CIELCh color 53, 18.597, 306.119 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, 18.597, 306.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

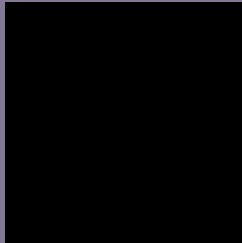
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 18.597, 306.119

Background



This preview shows how black text looks on a background with the CIELCh color 53, 18.597, 306.119.



This preview shows how white text looks on a background with the CIELCh color 53, 18.597, 306.119.

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, 18.597, 306.119

Protanopia

53, 17.419, 286.435

Deuteranopia

53, 16.257, 294.736



Tritanopia
53, 5.591, 311.241

Trichromacy



Original Color
53, 18.597, 306.119

Protanomaly
53, 17.395, 293.495

Deuteranomaly
53, 16.998, 299.661

Tritanomaly
53, 10.246, 306.510

Monochromacy



Original Color
53, 18.597, 306.119

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 6.571, 304.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 18.597, 306.119 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, 121, 152)` looks like.

```
.text, #text, p{  
    color:rgb(133, 121, 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, 121, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 121, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 18.597, 306.119 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, 121, 152) }
```

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

```
.border{ border-color:rgb(133, 121, 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, 121, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 121, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 121, 152);  
box-shadow:4px 4px 4px 4px rgb(133, 121,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 18.597, 306.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 121, 152) }
```

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

```
.background{ background-color: rgb(133,  
121, 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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