

Converting Colors

CIELCh(53, 16.465, 309.318)

Have a look what the booklet for
CIELCh(53, 16.465, 309.318)
contains.

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Color

CIELCh(53, 16.477, 309.256)

Conversions

Conversions Part 1

Format	Color
Hex	867994
RGB	134, 121, 148
RGB Percent	53%, 47%, 58%
CMY	0.4727, 0.5237, 0.4177
CMYK	0.09, 0.18, 0.00, 0.42
HSL	269°, 11%, 53%
HSV	269°, 18%, 58%
XYZ	22.1822, 21.0462, 31.1075
YIQ	127.9650, -0.9190, 11.1530

Conversions

Conversions Part 2

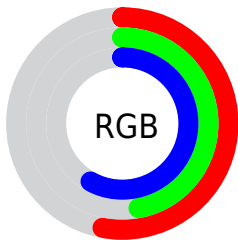
Format	Color
RYB	134, 121, 148
Decimal	8812948
CIELab	53.00, 10.43, -12.76
CIElCh	53, 16.477, 309.256
Yxy	21.0462, 0.2984, 0.2831
Android (android.graphics.Color)	4287003028 (0xFF867994)
YUV	127.9650, 9.8773, 5.2927
Hunter-Lab	45.8761, 6.0258, -8.0899

Details

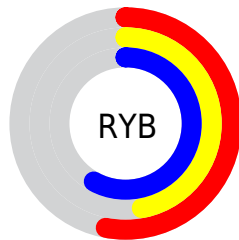
The CIELCh color $53, 16.477, 309.256$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $60, 16.066, 127.611$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 16.630, 309.124$, and $33, 16.592, 309.536$ is the 20% darker color. If you saturate the color by 10%, you get $48, 25.866, 309.775$, and if you desaturate by 10%, it is $58, 7.318, 308.769$.

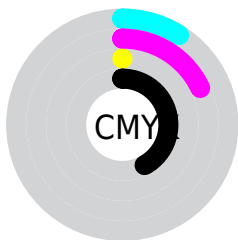
Distribution



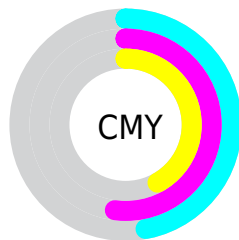
- Red (53%)
- Green (47%)
- Blue (58%)



- Red (53%)
- Yellow (47%)
- Blue (58%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (42%)





- Cyan (47%)
- Magenta (52%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 16.477, 309.256 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, 16.477, 309.256 by changing the saturation by 10% instead.


 53, 16.477,
309.256


 53, 16.477,
309.256


 100, 16.477,
309.256


 43, 16.477,
309.256


 73, 16.477,
309.256

 33, 16.477,
309.256

 83, 16.477,
309.256

 23, 16.477,
309.256

 93, 16.477,
309.256

 13, 16.477,
309.256

 3, 16.477, 309.256

 0, 16.477, 309.256

■ 53, 16.477,
309.256

■ 53, 16.477,
309.256

■ 48, 25.866,
309.775

■ 58, 7.318, 308.769

■ 44, 35.431,
310.321

■ 62, 1.579, 128.402

■ 39, 45.056,
310.872

■ 67, 10.206,
127.963

■ 35, 54.540,
311.390

■ 72, 18.567,
127.611

■ 31, 63.553,
311.819

■ 76, 26.670,
127.304

■ 28, 71.602,
312.072

■ 81, 34.525,
127.035

■ 25, 78.060,
312.044

■ 85, 42.145,
126.802

■ 22, 82.706,

■ 90, 49.544,
126.600

311.720

95, 56.685,
126.411

22, 83.544,
311.679

Harmonies

Complementary

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



53, 16.477, 309.256



60, 16.066, 127.611

Rectangle

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



53, 16.477, 309.256



53, 16.477, 359.256



53, 16.477, 129.256



53, 16.477, 179.256

Sweetspot

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



53, 16.475, 309.255



75, 5.526, 308.621



56, 8.834, 254.160



39, 3.762, 308.652



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



53, 16.475, 309.255



66, 24.896, 309.473



54, 18.546, 324.471



29, 5.035, 308.816



20, 79.024, 311.755



0, 4.350, 308.417

Inverse Universe

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



54, 13.432, 344.160



67, 20.249, 344.560



59, 18.511, 142.494



29, 4.119, 343.355



29, 53.927, 359.194



1, 3.565, 342.665

Previews

White Background



This preview shows how the CIELCh color 53, 16.477, 309.256 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, 16.477, 309.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

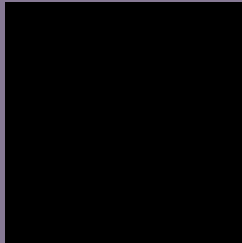
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 16.477, 309.256

Background



This preview shows how black text looks on a background with the CIELCh color 53, 16.477, 309.256.



This preview shows how white text looks on a background with the CIELCh color 53, 16.477, 309.256.

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, 16.477, 309.256

Protanopia

53, 15.096, 286.522

Deuteranopia

53, 14.063, 299.475



Tritanopia
53, 6.620, 319.105

Trichromacy



Original Color
53, 16.477, 309.256

Protanomaly
53, 15.103, 294.815

Deuteranomaly
53, 14.847, 303.537

Tritanomaly
53, 10.091, 313.766

Monochromacy



Original Color
53, 16.477, 309.256

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 5.456, 307.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 16.477, 309.256 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(134, 121, 148)` looks like.

```
.text, #text, p{  
    color:rgb(134, 121, 148)  
}
```

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(134, 121, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 121, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 16.477, 309.256 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(134, 121, 148) }
```

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

```
.border{ border-color:rgb(134, 121, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 121, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 121, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 121, 148);  
box-shadow:4px 4px 4px 4px rgb(134, 121,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 16.477, 309.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 121, 148) }
```

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

```
.background{ background-color: rgb(134,  
121, 148) }
```

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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