

Converting Colors

CIELCh(53, 9.952, 219.438)

Have a look what the booklet for
CIELCh(53, 9.952, 219.438) contains.

CIELCh(53, 10.074, 218.803)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 10.074, 218.803)

Conversions

Conversions Part 1

Format	Color
Hex	698389
RGB	105, 131, 137
RGB Percent	41%, 51%, 54%
CMY	0.5882, 0.4862, 0.4627
CMYK	0.23, 0.04, 0.00, 0.46
HSL	191°, 13%, 47%
HSV	191°, 23%, 54%
XYZ	18.4611, 21.0462, 26.7607
YIQ	123.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

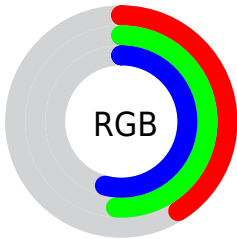
Format	Color
RYB	105, 119, 137
Decimal	6914953
CIELab	53.00, -7.85, -6.31
CIElCh	53, 10.074, 218.803
Yxy	21.0462, 0.2786, 0.3176
Android (android.graphics.Color)	4285105033 (0xFF698389)
YUV	123.9100, 6.4534, -16.5841
Hunter-Lab	45.8761, -8.4526, -2.4721

Details

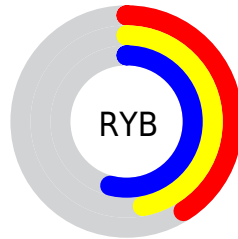
The CIELCh color **53, 10.074, 218.803** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 11.729, 37.862**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 9.978, 217.875**, and **33, 10.020, 216.616** is the 20% darker color. If you saturate the color by 10%, you get **51, 13.896, 219.369**, and if you desaturate by 10%, it is **55, 5.930, 218.421**.

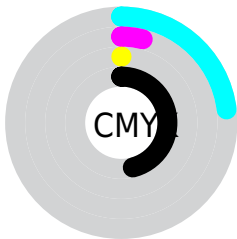
Distribution



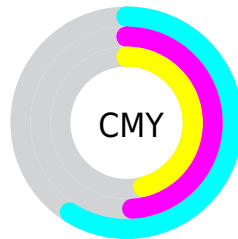
- Red (41%)
- Green (51%)
- Blue (54%)



- Red (41%)
- Yellow (47%)
- Blue (54%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (46%)





- Cyan (59%)
- Magenta (49%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 10.074, 218.803 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, 10.074, 218.803 by changing the saturation by 10% instead.


 53, 10.074,
218.803


 53, 10.074,
218.803


 100, 10.074,
218.803


 43, 10.074,
218.803


 73, 10.074,
218.803

 33, 10.074,
218.803

 83, 10.074,
218.803

 23, 10.074,
218.803

 93, 10.074,
218.803

 13, 10.074,
218.803

 3, 10.074, 218.803

 0, 10.074, 218.803

■ 53, 10.074,
218.803

■ 53, 10.074,
218.803

■ 51, 13.896,
219.369

■ 55, 5.930, 218.421

■ 56, 1.527, 218.361

■ 50, 17.330,
220.173

■ 58, 3.080, 37.806

■ 48, 20.312,
221.261

■ 60, 7.841, 37.824

■ 47, 22.788,
222.696

■ 62, 12.716, 37.847

■ 64, 17.671, 37.910

■ 46, 24.724,
224.550

■ 66, 22.679, 38.008

■ 45, 26.119,
226.894

■ 68, 27.718, 38.131

■ 71, 32.769, 38.274

■ 44, 27.016,
229.789

■ 43, 27.508,

231.839

Harmonies

Complementary

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



53, 10.074, 218.803



49, 11.729, 37.862

Rectangle

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



53, 10.074, 218.803



53, 10.074, 268.803



53, 10.074, 38.803



53, 10.074, 88.803

Sweetspot

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



53, 10.074, 218.796



71, 3.918, 218.303



54, 19.795, 148.356



37, 2.533, 218.307



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 10.074, 218.796



67, 14.729, 219.071



48, 13.289, 275.693



28, 2.543, 218.327



42, 26.859, 231.716



1, 1.207, 218.046

Inverse Universe

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



48, 19.809, 331.502



60, 29.469, 331.838



53, 13.297, 89.581



27, 4.778, 330.608



29, 61.705, 337.103



0, 2.204, 330.091

Previews

White Background



This preview shows how the CIE LCh color 53, 10.074, 218.803 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 53, 10.074, 218.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

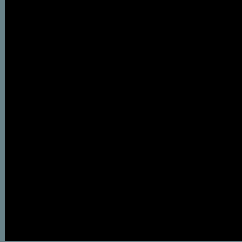
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

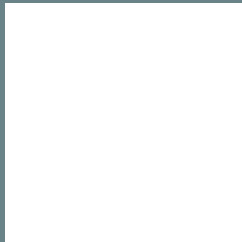
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 10.074, 218.803

Background



This preview shows how black text looks on a background with the CIELCh color 53, 10.074, 218.803.



This preview shows how white text looks on a background with the CIELCh color 53, 10.074, 218.803.

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, 10.074, 218.803

Protanopia

53, 5.239, 295.078

Deuteranopia

53, 10.091, 313.766



Tritanopia
53, 10.628, 235.708

Trichromacy



Original Color
53, 10.074, 218.803

Protanomaly
53, 5.699, 253.790

Deuteranomaly
53, 7.020, 281.687

Tritanomaly
53, 10.337, 232.923

Monochromacy



Original Color
53, 10.074, 218.803

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 4.023, 215.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 10.074, 218.803 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(105, 131, 137)` looks like.

```
.text, #text, p{  
    color:rgb(105, 131, 137)  
}
```

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(105, 131, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 131, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 10.074, 218.803 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(105, 131, 137) }
```

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

```
.border{ border-color:rgb(105, 131, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 131, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 131, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 131, 137);  
box-shadow:4px 4px 4px 4px rgb(105, 131,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 10.074, 218.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 131, 137) }
```

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

```
.background{ background-color: rgb(105,  
131, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor