

Converting Colors

CIELCh(53, 8.367, 183.745)

Have a look what the booklet for
CIELCh(53, 8.367, 183.745) contains.

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Color

CIELCh(53, 8.456, 182.645)

Conversions

Conversions Part 1

Format	Color
Hex	6E837F
RGB	110, 131, 127
RGB Percent	43%, 51%, 50%
CMY	0.5690, 0.4866, 0.5023
CMYK	0.16, 0.00, 0.03, 0.49
HSL	169°, 9%, 47%
HSV	169°, 16%, 51%
XYZ	18.3473, 21.0462, 23.1420
YIQ	124.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

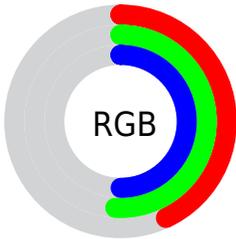
Format	Color
R_{YB}	110, 122, 131
Decimal	7242623
CIE _{Lab}	53.00, -8.45, -0.39
CIE _{LCh}	53, 8.456, 182.645
Yxy	21.0462, 0.2934, 0.3365
Android (android.graphics.Color)	4285432703 (0xFF6E837F)
YUV	124.2650, 1.3484, -12.5104
Hunter-Lab	45.8761, -8.8954, 2.2048

Details

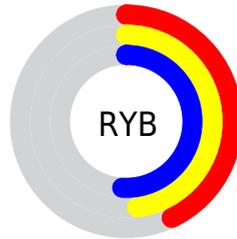
The CIELCh color **53, 8.456, 182.645** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 9.009, 5.444**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 8.338, 183.664**, and **33, 8.682, 181.246** is the 20% darker color. If you saturate the color by 10%, you get **52, 13.477, 181.710**, and if you desaturate by 10%, it is **54, 3.227, 183.581**.

Distribution



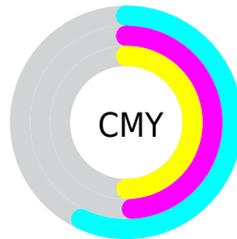
- Red (43%)
- Green (51%)
- Blue (50%)



- Red (43%)
- Yellow (48%)
- Blue (51%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (49%)



- Cyan (57%)
- Magenta (49%)
- Yellow (50%)
- Black (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 8.456, 182.645 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, 8.456, 182.645 by changing the saturation by 10% instead.

■ 53, 8.456, 182.645

■ 53, 8.456, 182.645

■ 100, 8.456,
182.645

■ 43, 8.456, 182.645

■ 73, 8.456, 182.645

■ 33, 8.456, 182.645

■ 83, 8.456, 182.645

■ 23, 8.456, 182.645

■ 93, 8.456, 182.645

■ 13, 8.456, 182.645

■ 3, 8.456, 182.645

■ 0, 8.456, 182.645

■ 53, 8.456, 182.645

■ 53, 8.456, 182.645

■ 52, 13.477,
181.710

■ 54, 3.227, 183.581

■ 55, 2.141, 4.124

■ 51, 18.207,
180.738

■ 56, 7.586, 5.055

■ 51, 22.563,
179.706

■ 58, 13.058, 5.853

■ 50, 26.465,
178.595

■ 59, 18.518, 6.615

■ 49, 29.842,
177.386

■ 62, 29.289, 8.062

■ 49, 32.646,
176.058

■ 64, 34.564, 8.752

■ 49, 34.863,
174.591

■ 66, 39.751, 9.421

■ 49, 36.559,
172.992

■ 49, 37.197,
172.375

Harmonies

Complementary

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



53, 8.456, 182.645



48, 9.009, 5.444

Rectangle

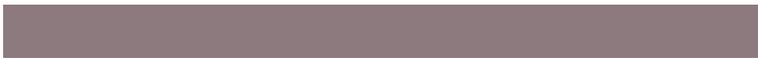
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53, 8.456, 182.645



53, 8.456, 232.645



53, 8.456, 2.645



53, 8.456, 52.645

Sweetspot

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



53, 8.457, 182.639



69, 3.324, 183.680



53, 13.947, 138.079



36, 2.284, 183.615



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 8.457, 182.639



67, 12.382, 182.326



51, 6.595, 232.865



27, 3.034, 183.276



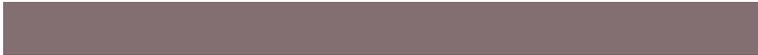
48, 37.015, 172.387



1, 0.736, 183.986

Inverse Universe

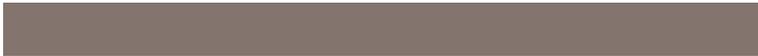
The Inverse Universe completely reimagines the original color for something new.



48, 9.009, 5.444



61, 13.378, 5.824



50, 7.191, 50.528



26, 3.145, 4.716



26, 55.886, 28.392



0, 0.736, 3.971

Previews

White Background



This preview shows how the CIELCh color 53, 8.456, 182.645 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, 8.456, 182.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

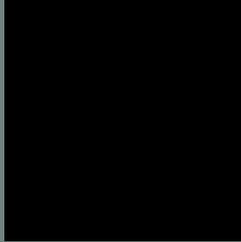
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

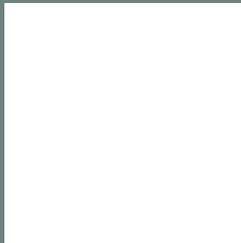
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 8.456, 182.645

Background



This preview shows how black text looks on a background with the CIELCh color 53, 8.456, 182.645.



This preview shows how white text looks on a background with the CIELCh color 53, 8.456, 182.645.

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

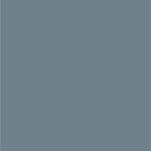
53, 8.456, 182.645

Protanopia

53, 1.657, 63.325

Deuteranopia

53, 7.260, 346.361



Tritanopia
53, 8.436, 242.446

Trichromacy



Original Color
53, 8.456, 182.645

Protanomaly
53, 2.958, 163.382

Deuteranomaly
53, 1.924, 314.698

Tritanomaly
53, 7.625, 221.159

Monochromacy



Original Color
53, 8.456, 182.645

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 3.375, 179.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 8.456, 182.645 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(110, 131, 127)` looks like.

```
.text, #text, p{  
    color:rgb(110, 131, 127)  
}
```

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(110, 131, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 131, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 8.456, 182.645 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(110, 131, 127) }
```

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

```
.border{ border-color:rgb(110, 131, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 131, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 131, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 131, 127);  
box-shadow:4px 4px 4px 4px rgb(110, 131,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 8.456, 182.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 131, 127) }
```

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

```
.background{ background-color: rgb(110,  
131, 127) }
```

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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