

Converting Colors

CIELCh(53, 16.154, 178.377)

Have a look what the booklet for
CIELCh(53, 16.154, 178.377)
contains.

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Color

CIELCh(53, 15.936, 178.636)

Conversions

Conversions Part 1

Format	Color
Hex	5E867D
RGB	94, 134, 125
RGB Percent	37%, 53%, 49%
CMY	0.6299, 0.4730, 0.5083
CMYK	0.30, 0.00, 0.07, 0.47
HSL	166°, 17%, 45%
HSV	166°, 30%, 53%
XYZ	16.9583, 21.0462, 22.6972
YIQ	121.0140, -20.9510, -11.2790

Conversions

Conversions Part 2

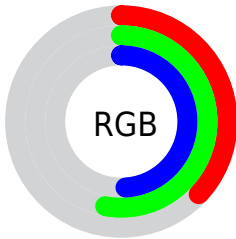
Format	Color
R_{YB}	94, 117, 134
Decimal	6194813
CIE _{Lab}	53.00, -15.93, 0.38
CIE _{LCh}	53, 15.936, 178.636
Y _{xy}	21.0462, 0.2794, 0.3467
Android (android.graphics.Color)	4284384893 (0xFF5E867D)
YUV	121.0140, 1.9651, -23.6913
Hunter-Lab	45.8761, -14.3000, 2.7796

Details

The CIELCh color $53, 15.936, 178.636$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $44, 17.792, 4.533$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 15.533, 179.781$, and $33, 15.754, 178.412$ is the 20% darker color. If you saturate the color by 10%, you get $52, 20.783, 177.586$, and if you desaturate by 10%, it is $54, 10.781, 179.618$.

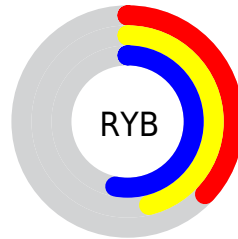
Distribution



Red (37%)

Green (53%)

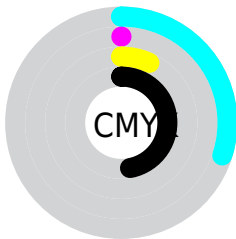
Blue (49%)



Red (37%)

Yellow (46%)

Blue (53%)

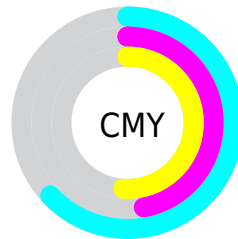


Cyan (30%)

Magenta (0%)

Yellow (7%)

Black (47%)



Cyan (63%)


Magenta (47%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 15.936, 178.636 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, 15.936, 178.636 by changing the saturation by 10% instead.


 53, 15.936,
178.636


 53, 15.936,
178.636


 100, 15.936,
178.636


 43, 15.936,
178.636


 73, 15.936,
178.636

 33, 15.936,
178.636

 83, 15.936,
178.636

 23, 15.936,
178.636

 93, 15.936,
178.636

 13, 15.936,
178.636

 3, 15.936, 178.636

 0, 15.936, 178.636

■ 53, 15.936,
178.636

■ 53, 15.936,
178.636

■ 52, 20.783,
177.586

■ 54, 10.781,
179.618

■ 52, 25.232,
176.457

■ 55, 5.400, 180.570

■ 51, 29.201,
175.227

■ 56, 0.128, 358.450

■ 57, 5.739, 2.138

■ 50, 32.623,
173.873

■ 59, 11.377, 2.968

■ 50, 35.459,
172.375

■ 60, 17.000, 3.747

■ 62, 22.575, 4.494

■ 50, 37.706,
170.714

■ 63, 28.078, 5.213

■ 50, 39.555,
168.971

■ 65, 33.494, 5.907

■ 50, 39.597,

Harmonies

Complementary

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



53, 15.936, 178.636



44, 17.792, 4.533

Rectangle

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



53, 15.936, 178.636



53, 15.936, 228.636



53, 15.936, 358.636



53, 15.936, 48.636

Sweetspot

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



53, 15.937, 178.633



71, 6.200, 180.625



53, 26.219, 136.355



37, 4.336, 180.500



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, 15.937, 178.633



67, 23.623, 177.903



50, 12.081, 229.778



27, 3.084, 180.634



48, 38.634, 169.000



1, 0.747, 181.365

Inverse Universe

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



44, 17.792, 4.533



55, 27.134, 5.564



47, 14.509, 46.191



26, 3.185, 2.112



26, 54.736, 25.685



0, 0.747, 1.351

Previews

White Background



This preview shows how the CIELCh color 53, 15.936, 178.636 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, 15.936, 178.636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

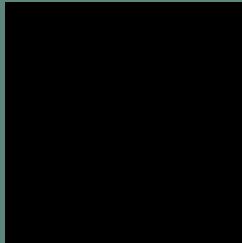
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

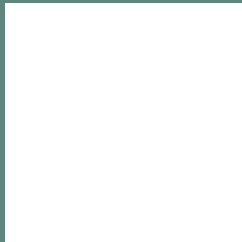
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 15.936, 178.636

Background



This preview shows how black text looks on a background with the CIELCh color 53, 15.936, 178.636.

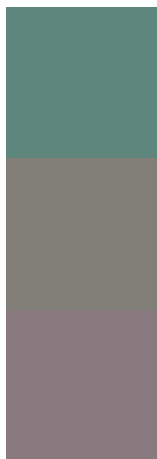


This preview shows how white text looks on a background with the CIELCh color 53, 15.936, 178.636.

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, 15.936, 178.636

Protanopia
53, 3.811, 84.432

Deuteranopia
53, 6.964, 350.335



Tritanopia
53, 13.194, 224.532

Trichromacy



Original Color
53, 15.936, 178.636

Protanomaly
53, 6.289, 158.768

Deuteranomaly
53, 2.357, 199.322

Tritanomaly
53, 13.089, 205.822

Monochromacy



Original Color
53, 15.936, 178.636

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 6.148, 182.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 15.936, 178.636 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(94, 134, 125)` looks like.

```
.text, #text, p{  
    color:rgb(94, 134, 125)  
}
```

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(94, 134, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 134, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 15.936, 178.636 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(94, 134, 125) }
```

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

```
.border{ border-color:rgb(94, 134, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 134, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 134, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 134, 125);  
box-shadow:4px 4px 4px 4px rgb(94, 134,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 15.936, 178.636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 134, 125) }
```

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

```
.background{ background-color: rgb(94, 134,  
125) }
```

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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