

Converting Colors

CIELCh(53, 10.680, 180.676)

Have a look what the booklet for
CIELCh(53, 10.680, 180.676)
contains.

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Color

CIELCh(53, 10.617, 179.202)

Conversions

Conversions Part 1

Format	Color
Hex	6A847E
RGB	106, 132, 126
RGB Percent	42%, 52%, 49%
CMY	0.5846, 0.4826, 0.5062
CMYK	0.20, 0.00, 0.05, 0.48
HSL	166°, 11%, 47%
HSV	166°, 20%, 52%
XYZ	17.9373, 21.0462, 22.8304
YIQ	123.5420, -13.5700, -7.3780

Conversions

Conversions Part 2

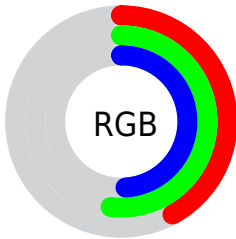
Format	Color
R_{YB}	106, 121, 132
Decimal	6980734
CIE _{Lab}	53.00, -10.62, 0.15
CIE _{LCh}	53, 10.617, 179.202
Yxy	21.0462, 0.2902, 0.3405
Android (android.graphics.Color)	4285170814 (0xFF6A847E)
YUV	123.5420, 1.2118, -15.3843
Hunter-Lab	45.8761, -10.4909, 2.6075

Details

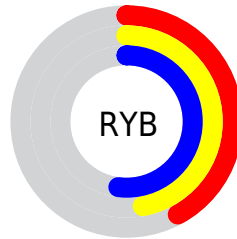
The CIELCh color $53, 10.617, 179.202$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $47, 11.381, 2.841$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 10.385, 180.294$, and $33, 10.971, 177.636$ is the 20% darker color. If you saturate the color by 10%, you get $52, 15.721, 178.210$, and if you desaturate by 10%, it is $54, 5.298, 180.152$.

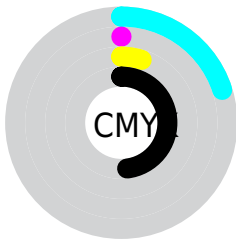
Distribution



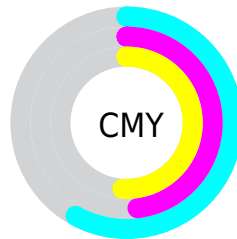
- Red (42%)
- Green (52%)
- Blue (49%)



- Red (42%)
- Yellow (47%)
- Blue (52%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (48%)





- Cyan (58%)
- Magenta (48%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 10.617, 179.202 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, 10.617, 179.202 by changing the saturation by 10% instead.


 53, 10.617,
179.202


 53, 10.617,
179.202


 100, 10.617,
179.202


 43, 10.617,
179.202


 73, 10.617,
179.202


 33, 10.617,
179.202


 83, 10.617,
179.202

 23, 10.617,
179.202

 93, 10.617,
179.202

 13, 10.617,
179.202

 3, 10.617, 179.202

 0, 10.617, 179.202

■ 53, 10.617,
179.202

■ 53, 10.617,
179.202

■ 52, 15.721,
178.210

■ 54, 5.298, 180.152

■ 51, 20.524,
177.158

■ 55, 0.164, 358.711

■ 56, 5.703, 1.721

■ 51, 24.940,
176.024

■ 58, 11.267, 2.550

■ 50, 28.889,
174.786

■ 59, 16.812, 3.327

■ 61, 22.308, 4.072

■ 50, 32.303,
173.423

■ 62, 27.731, 4.788

■ 49, 35.142,
171.914

■ 64, 33.066, 5.480

■ 66, 38.303, 6.149

■ 49, 37.402,
170.241

■ 49, 39.275,

168.489

■ 49, 39.329,
168.440

Harmonies

Complementary

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



53, 10.617, 179.202



47, 11.381, 2.841

Rectangle

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



53, 10.617, 179.202



53, 10.617, 229.202



53, 10.617, 359.202



53, 10.617, 49.202

Sweetspot

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



53, 10.618, 179.198



69, 4.058, 180.508



53, 17.087, 136.907



36, 2.712, 180.453



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, 10.618, 179.198



67, 15.845, 178.727



51, 8.105, 228.808



27, 3.092, 180.207



48, 38.909, 168.470



1, 0.749, 180.942

Inverse Universe

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



47, 11.381, 2.841



58, 17.296, 3.421



49, 9.095, 46.516



26, 3.192, 1.691



26, 54.559, 25.222



0, 0.749, 0.927

Previews

White Background



This preview shows how the CIE LCh color 53, 10.617, 179.202 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, 10.617, 179.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

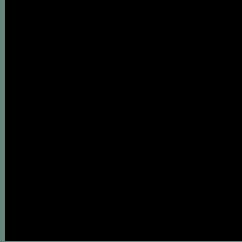
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

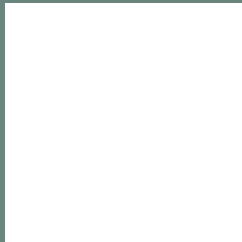
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 10.617, 179.202

Background



This preview shows how black text looks on a background with the CIELCh color 53, 10.617, 179.202.



This preview shows how white text looks on a background with the CIELCh color 53, 10.617, 179.202.

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, 10.617, 179.202

Protanopia
53, 2.593, 81.997

Deuteranopia
53, 7.319, 351.978



Tritanopia
53, 9.498, 236.498

Trichromacy



Original Color
53, 10.617, 179.202

Protanomaly
53, 4.037, 153.420

Deuteranomaly
53, 0.585, 290.329

Tritanomaly
53, 8.823, 213.883

Monochromacy



Original Color
53, 10.617, 179.202

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 3.748, 181.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 10.617, 179.202 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(106, 132, 126)` looks like.

```
.text, #text, p{  
    color:rgb(106, 132, 126)  
}
```

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(106, 132, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 132, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 10.617, 179.202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

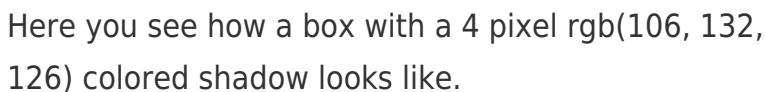
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 132, 126) }
```

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

```
.border{ border-color:rgb(106, 132, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 132, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 132, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 132, 126);  
box-shadow:4px 4px 4px 4px rgb(106, 132,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 10.617, 179.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 132, 126) }
```

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

```
.background{ background-color: rgb(106,  
132, 126) }
```

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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