

Converting Colors

CIELCh(53, 22.630, 181.701)

Have a look what the booklet for
CIELCh(53, 22.630, 181.701)
contains.

CIELCh(53, 22.351, 182.085)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 22.351, 182.085)

Conversions

Conversions Part 1

Format	Color
Hex	4C897F
RGB	76, 137, 127
RGB Percent	30%, 54%, 50%
CMY	0.7010, 0.4618, 0.5010
CMYK	0.44, 0.00, 0.07, 0.46
HSL	170°, 29%, 42%
HSV	170°, 44%, 54%
XYZ	15.8268, 21.0462, 23.3888
YIQ	117.6210, -33.1460, -16.0420

Conversions

Conversions Part 2

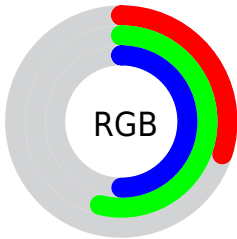
Format	Color
RYB	76, 109, 137
Decimal	5015935
CIELab	53.00, -22.34, -0.81
CIElCh	53, 22.351, 182.085
Yxy	21.0462, 0.2626, 0.3492
Android (android.graphics.Color)	4283206015 (0xFF4C897F)
YUV	117.6210, 4.6238, -36.5016
Hunter-Lab	45.8761, -18.7024, 1.8857

Details

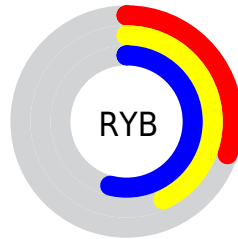
The CIELCh color **53, 22.351, 182.085** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **40, 27.481, 11.490**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 22.591, 182.237**, and **33, 22.450, 181.621** is the 20% darker color. If you saturate the color by 10%, you get **52, 26.347, 181.047**, and if you desaturate by 10%, it is **54, 17.879, 183.055**.

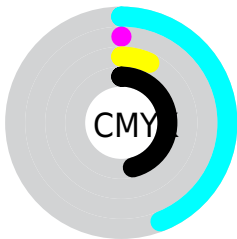
Distribution



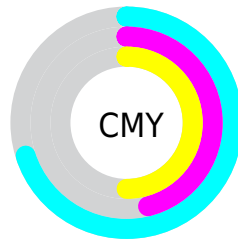
- Red (30%)
- Green (54%)
- Blue (50%)



- Red (30%)
- Yellow (43%)
- Blue (54%)



- Cyan (44%)
- Magenta (0%)
- Yellow (7%)
- Black (46%)





- Cyan (70%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 22.351, 182.085 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, 22.351, 182.085 by changing the saturation by 10% instead.


 53, 22.351,
182.085


 53, 22.351,
182.085


 100, 22.351,
182.085


 43, 22.351,
182.085


 73, 22.351,
182.085

 33, 22.351,
182.085

 83, 22.351,
182.085

 23, 22.351,
182.085

 93, 22.351,
182.085

 13, 22.351,
182.085

 3, 22.351, 182.085

 0, 22.351, 182.085

■ 53, 22.351,
182.085

■ 53, 22.351,
182.085

■ 52, 26.347,
181.047

■ 54, 17.879,
183.055

■ 52, 29.791,
179.931

■ 55, 13.013,
183.979

■ 51, 32.634,
178.712

■ 56, 7.842, 184.874

■ 51, 34.856,
177.373

■ 57, 2.448, 185.825

■ 51, 36.492,
175.899

■ 58, 3.095, 6.350

■ 51, 37.304,
175.082

■ 59, 8.724, 7.222

■ 61, 14.388, 8.006

■ 62, 20.045, 8.761

■ 64, 25.665, 9.492

Harmonies

Complementary

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



53, 22.351, 182.085



40, 27.481, 11.490

Rectangle

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



53, 22.351, 182.085



53, 22.351, 232.085



53, 22.351, 2.085



53, 22.351, 52.085

Sweetspot

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



53, 22.351, 182.083



71, 8.762, 184.977



52, 40.350, 137.240



37, 6.088, 184.803



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, 22.351, 182.083



67, 31.823, 181.078



47, 17.719, 241.466



29, 3.097, 185.351



49, 36.361, 175.140



1, 1.458, 186.043

Inverse Universe

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



40, 27.481, 11.490



48, 41.108, 13.506



45, 22.844, 52.683



27, 3.219, 6.760



27, 57.693, 30.440



0, 1.458, 6.028

Previews

White Background



This preview shows how the CIELCh color 53, 22.351, 182.085 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, 22.351, 182.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

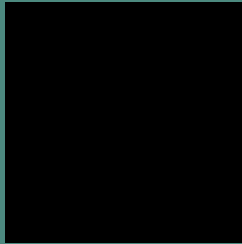
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 22.351, 182.085

Background



This preview shows how black text looks on a background with the CIELCh color 53, 22.351, 182.085.



This preview shows how white text looks on a background with the CIELCh color 53, 22.351, 182.085.

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, 22.351, 182.085

Protanopia
53, 2.808, 74.603

Deuteranopia
53, 7.276, 340.730



Tritanopia
53, 18.692, 215.961

Trichromacy



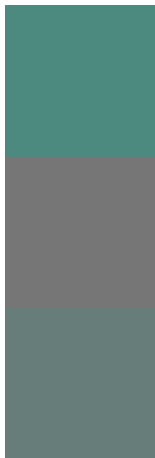
Original Color
53, 22.351, 182.085

Protanomaly
52, 8.246, 173.592

Deuteranomaly
53, 5.414, 205.082

Tritanomaly
53, 19.352, 202.746

Monochromacy



Original Color
53, 22.351, 182.085

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 8.875, 183.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 22.351, 182.085 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(76, 137, 127)` looks like.

```
.text, #text, p{  
    color:rgb(76, 137, 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(76, 137, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 137, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 22.351, 182.085 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(76, 137, 127) }
```

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

```
.border{ border-color:rgb(76, 137, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 137, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 137, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 137, 127);  
box-shadow:4px 4px 4px 4px rgb(76, 137,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 22.351, 182.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 137, 127) }
```

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

```
.background{ background-color: rgb(76, 137,  
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](#).

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