

Converting Colors

CIELCh(54, 33.449, 175.636)

Have a look what the booklet for
CIELCh(54, 33.449, 175.636)
contains.

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Color

CIELCh(54, 33.391, 175.942)

Conversions

Conversions Part 1

Format	Color
Hex	2D907C
RGB	45, 144, 124
RGB Percent	18%, 56%, 49%
CMY	0.8233, 0.4351, 0.5136
CMYK	0.69, 0.00, 0.14, 0.44
HSL	168°, 52%, 37%
HSV	168°, 69%, 56%
XYZ	14.7048, 21.9746, 22.5485
YIQ	112.1190, -52.5840, -27.2080

Conversions

Conversions Part 2

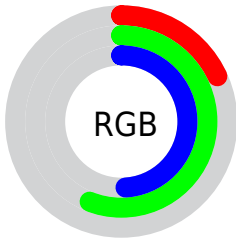
Format	Color
RYB	45, 100, 144
Decimal	2986108
CIELab	54.00, -33.31, 2.36
CIElCh	54, 33.391, 175.942
Yxy	21.9746, 0.2483, 0.3710
Android (android.graphics.Color)	4281176188 (0xFF2D907C)
YUV	112.1190, 5.8573, -58.8634
Hunter-Lab	46.8770, -26.0415, 4.2946

Details

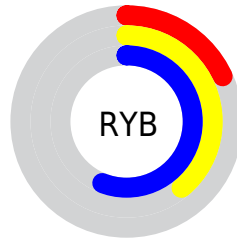
The CIELCh color **54, 33.391, 175.942** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **34, 44.519, 14.646**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 33.331, 175.847**, and **35, 29.030, 172.819** is the 20% darker color. If you saturate the color by 10%, you get **54, 36.283, 174.515**, and if you desaturate by 10%, it is **54, 29.868, 177.232**.

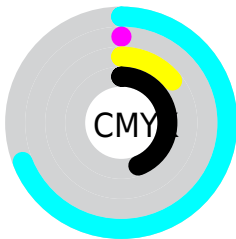
Distribution



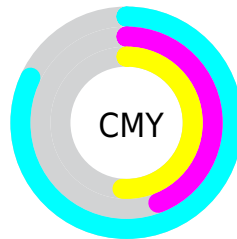
- Red (18%)
- Green (56%)
- Blue (49%)



- Red (18%)
- Yellow (39%)
- Blue (56%)



- Cyan (69%)
- Magenta (0%)
- Yellow (14%)
- Black (44%)




- Cyan (82%)
- Magenta (44%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 33.391, 175.942 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 54, 33.391, 175.942 by changing the saturation by 10% instead.


 54, 33.391,
175.942

 54, 33.391,
175.942


 100, 33.391,
175.942

 44, 33.391,
175.942


 74, 33.391,
175.942

 34, 33.391,
175.942

 84, 33.391,
175.942

 24, 33.391,
175.942

 94, 33.391,
175.942

 14, 33.391,
175.942

 4, 33.391, 175.942

 0, 33.391, 175.942

■ 54, 33.391,
175.942

■ 54, 33.391,
175.942

■ 54, 36.283,
174.515

■ 54, 29.868,
177.232

■ 53, 38.542,
172.937

■ 55, 25.758,
178.411

■ 53, 40.310,
171.245

■ 56, 21.131,
179.499

■ 53, 40.532,
171.035

■ 57, 16.076,
180.514

■ 58, 10.685,
181.476

■ 59, 5.049, 182.418

■ 60, 0.752, 2.667

■ 61, 6.647, 3.963

Harmonies

Complementary

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



54, 33.391, 175.942



34, 44.519, 14.646

Rectangle

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



54, 33.391, 175.942



54, 33.391, 225.942



54, 33.391, 355.942



54, 33.391, 45.942

Sweetspot

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



54, 33.391, 175.941



73, 14.706, 181.220



53, 61.190, 134.472



38, 9.985, 180.985



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 33.391, 175.941



68, 45.275, 173.753



46, 25.180, 239.768



30, 3.244, 182.374



50, 38.640, 171.152



2, 2.219, 183.103

Inverse Universe

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



34, 44.519, 14.646



41, 63.674, 20.346



39, 40.704, 47.443



28, 3.360, 3.852



27, 57.158, 27.737



0, 2.219, 3.089

Previews

White Background



This preview shows how the CIELCh color 54, 33.391, 175.942 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 54, 33.391, 175.942 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 54, 33.391, 175.942

Background



This preview shows how black text looks on a background with the CIELCh color 54, 33.391, 175.942.

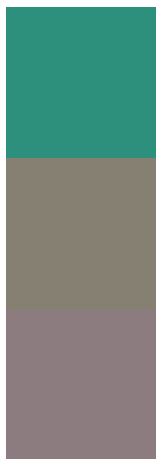


This preview shows how white text looks on a background with the CIELCh color 54, 33.391, 175.942.

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

54, 33.391, 175.942

Protanopia

54, 7.865, 90.787

Deuteranopia

54, 6.854, 0.531



Tritanopia
54, 25.085, 213.428

Trichromacy



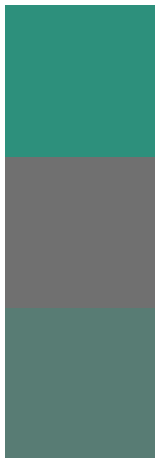
Original Color
54, 33.391, 175.942

Protanomaly
53, 15.634, 161.602

Deuteranomaly
53, 10.222, 185.227

Tritanomaly
54, 26.706, 198.146

Monochromacy



Original Color
54, 33.391, 175.942

Achromatopsia
47, 0.006, 296.813

Achromatomaly
49, 14.551, 178.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 33.391, 175.942 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(45, 144, 124)` looks like.

```
.text, #text, p{  
    color:rgb(45, 144, 124)  
}
```

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(45, 144, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 144, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 33.391, 175.942 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(45, 144, 124) }
```

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

```
.border{ border-color:rgb(45, 144, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 144, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 144, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 144, 124);  
box-shadow:4px 4px 4px 4px rgb(45, 144,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 33.391, 175.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 144, 124) }
```

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

```
.background{ background-color: rgb(45, 144,  
124) }
```

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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