

Converting Colors

CIELCh(54, 31.155, 197.500)

Have a look what the booklet for
CIELCh(54, 31.155, 197.500)
contains.

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Color

CIELCh(54, 31.111, 197.601)

Conversions

Conversions Part 1

Format	Color
Hex	188F90
RGB	24, 143, 144
RGB Percent	9%, 56%, 56%
CMY	0.9066, 0.4377, 0.4338
CMYK	0.84, 0.01, 0.00, 0.43
HSL	180°, 72%, 33%
HSV	180°, 84%, 57%
XYZ	15.3133, 21.9746, 29.9691
YIQ	107.5330, -71.2450, -24.9170

Conversions

Conversions Part 2

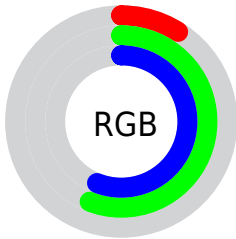
Format	Color
RYB	24, 84, 144
Decimal	1609616
CIELab	54.00, -29.65, -9.41
CIELCh	54, 31.111, 197.601
Yxy	21.9746, 0.2277, 0.3267
Android (android.graphics.Color)	4279799696 (0xFF188F90)
YUV	107.5330, 17.9782, -73.2584
Hunter-Lab	46.8770, -23.7243, -5.0910

Details

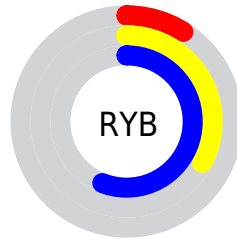
The CIELCh color **54, 31.111, 197.601** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **31, 58.458, 34.610**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 30.983, 198.132**, and **35, 23.485, 199.541** is the 20% darker color. If you saturate the color by 10%, you get **54, 32.013, 197.615**, and if you desaturate by 10%, it is **54, 29.573, 197.656**.

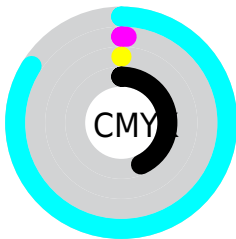
Distribution



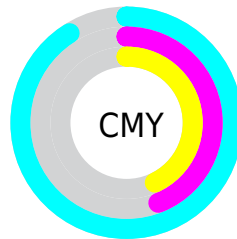
- Red (9%)
- Green (56%)
- Blue (56%)



- Red (9%)
- Yellow (33%)
- Blue (56%)



- Cyan (84%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)





- Cyan (91%)
- Magenta (44%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 31.111, 197.601 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, 31.111, 197.601 by changing the saturation by 10% instead.


 54, 31.111,
197.601


 54, 31.111,
197.601


 100, 31.111,
197.601


 44, 31.111,
197.601


 74, 31.111,
197.601


 34, 31.111,
197.601


 84, 31.111,
197.601

 24, 31.111,
197.601

 94, 31.111,
197.601

 14, 31.111,
197.601

 4, 31.111, 197.601

 0, 31.111, 197.601

■ 54, 31.111,
197.601

■ 54, 31.111,
197.601

■ 54, 32.013,
197.615

■ 54, 29.573,
197.656

■ 54, 32.427,
197.644

■ 55, 27.360,
197.787

■ 55, 24.475,
197.992

■ 56, 20.954,
198.268

■ 57, 16.860,
198.611

■ 57, 12.269,
199.017

■ 58, 7.265, 199.489

■ 60, 1.934, 200.143



Harmonies

Complementary

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



54, 31.111, 197.601



31, 58.458, 34.610

Rectangle

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



54, 31.111, 197.601



54, 31.111, 247.601



54, 31.111, 17.601



54, 31.111, 67.601

Sweetspot

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



54, 31.111, 197.600



73, 16.121, 198.930



52, 73.182, 137.011



38, 10.842, 198.800



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, 31.111, 197.600



69, 39.493, 197.671



35, 38.818, 276.089



30, 3.043, 199.724



50, 30.909, 197.636



2, 2.103, 200.115

Inverse Universe

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



35, 70.862, 328.318



45, 91.563, 328.563



42, 47.750, 64.674



28, 5.577, 325.128



32, 71.652, 328.554



1, 3.746, 324.658

Previews

White Background



This preview shows how the CIELCh color 54, 31.111, 197.601 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, 31.111, 197.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

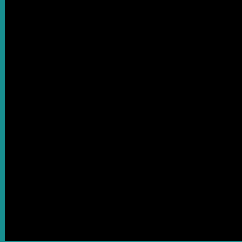
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 31.111, 197.601

Background



This preview shows how black text looks on a background with the CIELCh color 54, 31.111, 197.601.

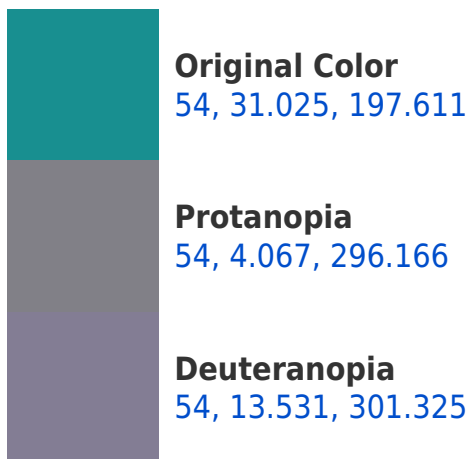


This preview shows how white text looks on a background with the CIELCh color 54, 31.111, 197.601.

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





Tritanopia
54, 29.116, 210.789

Trichromacy



Original Color
54, 31.025, 197.611



Protanomaly
53, 15.293, 206.724



Deuteranomaly
53, 15.913, 231.604



Tritanomaly
54, 29.820, 204.591

Monochromacy



Original Color
54, 31.025, 197.611



Achromatopsia
46, 0.006, 296.813



Achromatomaly
48, 15.825, 197.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 31.111, 197.601 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(24, 143, 144)` looks like.

```
.text, #text, p{  
    color:rgb(24, 143, 144)  
}
```

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(24, 143, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 143, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 31.111, 197.601 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(24, 143, 144) }
```

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

```
.border{ border-color:rgb(24, 143, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 143, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 143, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 143, 144);  
box-shadow:4px 4px 4px 4px rgb(24, 143,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 31.111, 197.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 143, 144) }
```

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

```
.background{ background-color: rgb(24, 143,  
144) }
```

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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