

Converting Colors

CIELCh(55, 31.506, 193.586)

Have a look what the booklet for
CIELCh(55, 31.506, 193.586)
contains.

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Color

CIELCh(55, 31.346, 194.394)

Conversions

Conversions Part 1

Format	Color
Hex	1F9290
RGB	31, 146, 144
RGB Percent	12%, 57%, 56%
CMY	0.8772, 0.4267, 0.4346
CMYK	0.79, 0.00, 0.01, 0.43
HSL	179°, 65%, 35%
HSV	179°, 79%, 57%
XYZ	15.9297, 22.9298, 30.0444
YIQ	111.3870, -67.8980, -25.0020

Conversions

Conversions Part 2

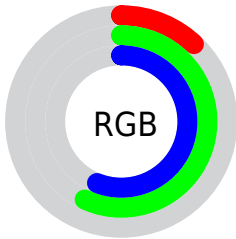
Format	Color
R_{YB}	31, 89, 146
Decimal	2069136
CIE _{Lab}	55.00, -30.36, -7.79
CIE _{LCh}	55, 31.346, 194.394
Yxy	22.9298, 0.2312, 0.3328
Android (android.graphics.Color)	4280259216 (0xFF1F9290)
YUV	111.3870, 16.0782, -70.4994
Hunter-Lab	47.8851, -24.4181, -3.6805




Details

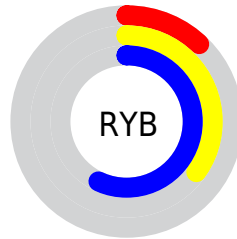
The CIELCh color **55, 31.346, 194.394** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **32, 55.210, 31.606**, and the grayscale version is **47, 0.006, 296.813**.




A 20% lighter version of the original color is **75, 31.139, 195.106**, and **36, 24.507, 194.883** is the 20% darker color. If you saturate the color by 10%, you get **55, 32.650, 194.100**, and if you desaturate by 10%, it is **55, 29.372, 194.717**.

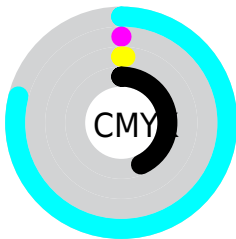
Distribution







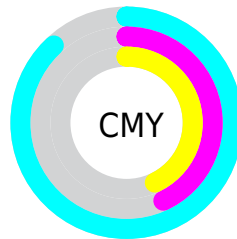
-  Red (12%)
-  Green (57%)
-  Blue (56%)






-  Red (12%)
-  Yellow (35%)
-  Blue (57%)



-  Cyan (79%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (43%)





-  Cyan (88%)
-  Magenta (43%)
-  Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 31.346, 194.394 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 55, 31.346, 194.394 by changing the saturation by 10% instead.


 55, 31.346,
194.394


 55, 31.346,
194.394


 100, 31.346,
194.394


 45, 31.346,
194.394


 75, 31.346,
194.394

 35, 31.346,
194.394

 85, 31.346,
194.394

 25, 31.346,
194.394

 95, 31.346,
194.394

 15, 31.346,
194.394

 5, 31.346, 194.394

 0, 31.346, 194.394

■ 55, 31.346,
194.394

■ 55, 31.346,
194.394

■ 55, 32.650,
194.100

■ 55, 29.372,
194.717

■ 55, 33.430,
193.829

■ 56, 26.712,
195.078

■ 55, 33.533,
193.791

■ 56, 23.389,
195.481

■ 57, 19.454,
195.927

■ 58, 14.982,
196.417

■ 59, 10.056,
196.950

■ 60, 4.764, 197.550

■ 61, 0.811, 17.499



Harmonies

Complementary

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



55, 31.346, 194.394



32, 55.210, 31.606

Rectangle

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



55, 31.346, 194.394



55, 31.346, 244.394



55, 31.346, 14.394



55, 31.346, 64.394

Sweetspot

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



55, 31.346, 194.393



74, 15.886, 196.628



53, 71.043, 137.055



39, 10.879, 196.458



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



55, 31.346, 194.393



70, 40.506, 193.898



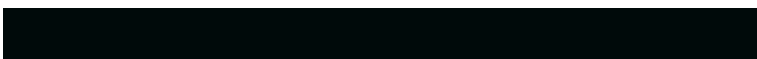
38, 35.018, 270.319



31, 3.164, 197.507



52, 32.102, 193.805



2, 2.830, 197.969

Inverse Universe

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



32, 55.210, 31.606



40, 80.261, 37.734



42, 45.571, 62.484



29, 3.342, 18.478



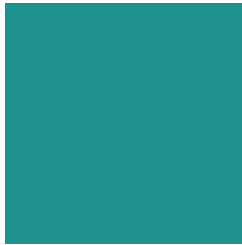
28, 64.554, 38.239



1, 2.830, 17.952

Previews

White Background



This preview shows how the CIE LCh color 55, 31.346, 194.394 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 55, 31.346, 194.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

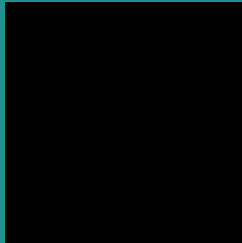
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 31.346, 194.394

Background



This preview shows how black text looks on a background with the CIELCh color 55, 31.346, 194.394.



This preview shows how white text looks on a background with the CIELCh color 55, 31.346, 194.394.

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


55, 31.346, 194.394

Protanopia

55, 2.446, 309.158

Deuteranopia

55, 12.525, 305.539



Tritanopia
55, 28.545, 211.102

Trichromacy



Original Color
55, 31.346, 194.394

Protanomaly
54, 14.674, 202.539

Deuteranomaly
54, 14.645, 229.369

Tritanomaly
55, 29.412, 204.738

Monochromacy



Original Color
55, 31.346, 194.394

Achromatopsia
47, 0.006, 296.813

Achromatomaly
49, 14.870, 197.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 31.346, 194.394 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(31, 146, 144)` looks like.

```
.text, #text, p{  
    color:rgb(31, 146, 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(31, 146, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 146, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 31.346, 194.394 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(31, 146, 144) }
```

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

```
.border{ border-color:rgb(31, 146, 144) }
```

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

Here you see how a box with a 4 pixel rgb(31, 146, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 146, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 146, 144);  
box-shadow:4px 4px 4px 4px rgb(31, 146,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 31.346, 194.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 146, 144) }
```

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

```
.background{ background-color: rgb(31, 146,  
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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