

Converting Colors

CIELCh(51, 26.700, 211.036)

Have a look what the booklet for
CIELCh(51, 26.700, 211.036)
contains.

CIELCh(51, 26.700, 211.036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(51, 26.700, 211.036)

Conversions

Conversions Part 1

Format	Color
Hex	278590
RGB	39, 133, 144
RGB Percent	15%, 52%, 56%
CMY	0.8462, 0.4779, 0.4347
CMYK	0.73, 0.08, 0.00, 0.43
HSL	186°, 57%, 36%
HSV	186°, 73%, 57%
XYZ	14.2975, 19.2686, 29.4100
YIQ	106.1480, -59.5550, -16.5070

Conversions

Conversions Part 2

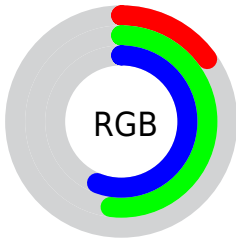
Format	Color
R_{YB}	39, 89, 144
Decimal	2590096
CIE _{Lab}	51.00, -22.88, -13.77
CIE _{LCh}	51, 26.700, 211.036
Yxy	19.2686, 0.2270, 0.3060
Android (android.graphics.Color)	4280780176 (0xFF278590)
YUV	106.1480, 18.6610, -58.8888
Hunter-Lab	43.8960, -18.6785, -8.9967




Details

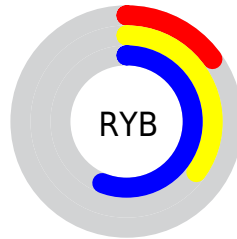
The CIELCh color **51, 26.700, 211.036** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **35, 48.059, 35.686**, and the grayscale version is **45, 0.006, 296.813**.




A 20% lighter version of the original color is **71, 26.508, 211.971**, and **32, 21.365, 216.132** is the 20% darker color. If you saturate the color by 10%, you get **50, 28.056, 212.158**, and if you desaturate by 10%, it is **52, 24.696, 210.195**.

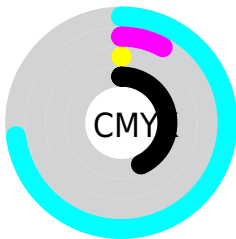
Distribution







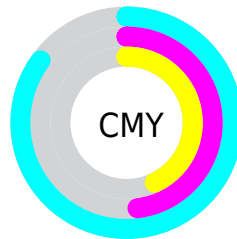
-  Red (15%)
-  Green (52%)
-  Blue (56%)






-  Red (15%)
-  Yellow (35%)
-  Blue (56%)



-  Cyan (73%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (43%)





-  Cyan (85%)
-  Magenta (48%)
-  Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 26.700, 211.036 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 51, 26.700, 211.036 by changing the saturation by 10% instead.


 51, 26.700,
211.036


 51, 26.700,
211.036


 100, 26.700,
211.036


 41, 26.700,
211.036


 71, 26.700,
211.036

 31, 26.700,
211.036

 81, 26.700,
211.036

 21, 26.700,
211.036

 91, 26.700,
211.036

 11, 26.700,
211.036

 1, 26.700, 211.036

 0, 26.700, 211.036

■ 51, 26.700,
211.036

■ 51, 26.700,
211.036

■ 50, 28.056,
212.158

■ 52, 24.696,
210.195

■ 50, 28.796,
213.600

■ 53, 22.058,
209.599

■ 49, 29.123,
214.754

■ 54, 18.829,
209.211

■ 55, 15.073,
208.996

■ 56, 10.866,
208.927

■ 58, 6.286, 208.990

■ 59, 1.408, 209.354

■ 61, 3.702, 29.120

Harmonies

Complementary

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



51, 26.700, 211.036



35, 48.059, 35.686

Rectangle

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



51, 26.700, 211.036



51, 26.700, 261.036



51, 26.700, 31.036



51, 26.700, 81.036

Sweetspot

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



51, 26.699, 211.035



72, 12.935, 208.927



53, 63.550, 140.314



37, 8.689, 208.931



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



51, 26.699, 211.035



63, 34.491, 212.980



35, 39.882, 281.439



29, 2.779, 209.052



46, 27.802, 214.632



1, 1.922, 209.109

Inverse Universe

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



36, 61.470, 331.468



44, 81.705, 332.256



46, 42.159, 75.529



28, 5.219, 327.908



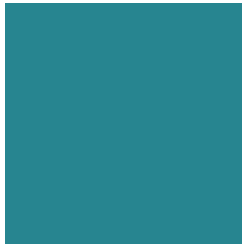
31, 66.550, 332.769



1, 3.505, 327.416

Previews

White Background



This preview shows how the CIELCh color 51, 26.700, 211.036 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 51, 26.700, 211.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

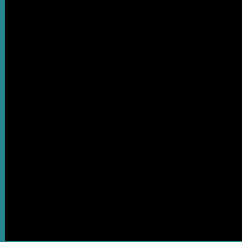
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 26.700, 211.036

Background



This preview shows how black text looks on a background with the CIELCh color 51, 26.700, 211.036.

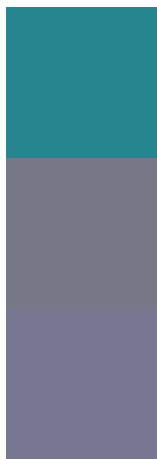


This preview shows how white text looks on a background with the CIELCh color 51, 26.700, 211.036.

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


51, 26.700, 211.036

Protanopia

51, 8.758, 288.811

Deuteranopia

51, 16.965, 293.556



Tritanopia
51, 26.700, 211.036

Trichromacy



Original Color
51, 26.700, 211.036

Protanomaly
50, 14.185, 230.959

Deuteranomaly
50, 16.904, 248.533

Tritanomaly
51, 26.700, 211.036

Monochromacy



Original Color
51, 26.700, 211.036

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 12.603, 209.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 26.700, 211.036 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(39, 133, 144)` looks like.

```
.text, #text, p{  
    color:rgb(39, 133, 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(39, 133, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 133, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 26.700, 211.036 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(39, 133, 144) }
```

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

```
.border{ border-color:rgb(39, 133, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 133, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 133, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 133, 144);  
box-shadow:4px 4px 4px 4px rgb(39, 133,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 26.700, 211.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 133, 144) }
```

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

```
.background{ background-color: rgb(39, 133,  
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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