

Converting Colors

CIELCh(51, 25.235, 211.966)

Have a look what the booklet for
CIELCh(51, 25.235, 211.966)
contains.

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Color

CIELCh(51, 25.334, 210.530)

Conversions

Conversions Part 1

Format	Color
Hex	30858F
RGB	48, 133, 143
RGB Percent	19%, 52%, 56%
CMY	0.8135, 0.4798, 0.4406
CMYK	0.67, 0.07, 0.00, 0.44
HSL	186°, 50%, 37%
HSV	186°, 67%, 56%
XYZ	14.4685, 19.2686, 28.8025
YIQ	108.7250, -53.8700, -14.9100

Conversions

Conversions Part 2

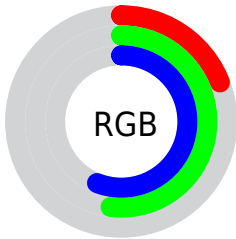
Format	Color
RYB	48, 93, 143
Decimal	3179919
CIELab	51.00, -21.82, -12.87
CIElCh	51, 25.334, 210.530
Yxy	19.2686, 0.2313, 0.3081
Android (android.graphics.Color)	4281369999 (0xFF30858F)
YUV	108.7250, 16.8976, -53.2558
Hunter-Lab	43.8960, -17.9831, -8.1760

Details

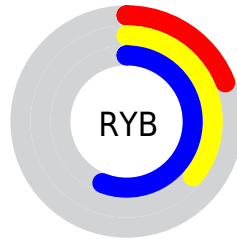
The CIELCh color **51, 25.334, 210.530** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **36, 42.961, 34.522**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 25.322, 211.438**, and **32, 21.342, 214.299** is the 20% darker color. If you saturate the color by 10%, you get **50, 27.075, 211.475**, and if you desaturate by 10%, it is **52, 22.954, 209.842**.

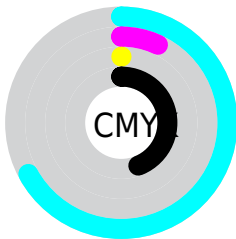
Distribution



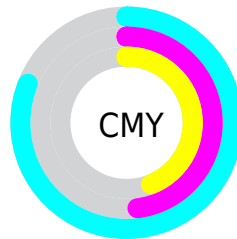
- Red (19%)
- Green (52%)
- Blue (56%)



- Red (19%)
- Yellow (36%)
- Blue (56%)



- Cyan (67%)
- Magenta (7%)
- Yellow (0%)
- Black (44%)





- Cyan (81%)
- Magenta (48%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 25.334, 210.530 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, 25.334, 210.530 by changing the saturation by 10% instead.


 51, 25.334,
210.530


 51, 25.334,
210.530


 100, 25.334,
210.530


 41, 25.334,
210.530


 71, 25.334,
210.530

 31, 25.334,
210.530

 81, 25.334,
210.530

 21, 25.334,
210.530

 91, 25.334,
210.530

 11, 25.334,
210.530

 1, 25.334, 210.530

 0, 25.334, 210.530

■ 51, 25.334,
210.530

■ 51, 25.334,
210.530

■ 50, 27.075,
211.475

■ 52, 22.954,
209.842

■ 49, 28.182,
212.718

■ 53, 19.970,
209.377

■ 49, 28.741,
214.265

■ 54, 16.438,
209.097

■ 49, 28.897,
214.796

■ 55, 12.430,
208.973

■ 57, 8.024, 208.983

■ 58, 3.294, 209.151

■ 60, 1.690, 28.930

■ 61, 6.865, 29.351

■ 63, 12.180, 29.652

Harmonies

Complementary

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



51, 25.334, 210.530



36, 42.961, 34.522

Rectangle

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



51, 25.334, 210.530



51, 25.334, 260.530



51, 25.334, 30.530



51, 25.334, 80.530

Sweetspot

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



51, 25.334, 210.529



72, 11.834, 208.965



52, 58.835, 141.133



38, 8.071, 208.962



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, 25.334, 210.529



64, 33.714, 212.064



36, 36.092, 279.350



29, 2.778, 209.084



46, 27.796, 214.693



1, 1.921, 209.140

Inverse Universe

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



37, 57.425, 331.162



45, 79.032, 331.920



47, 38.302, 76.501



28, 5.218, 327.917



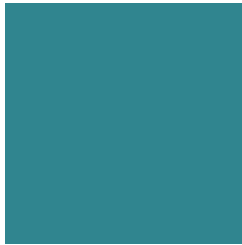
31, 66.535, 332.784



1, 3.504, 327.426

Previews

White Background



This preview shows how the CIELCh color 51, 25.334, 210.530 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, 25.334, 210.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

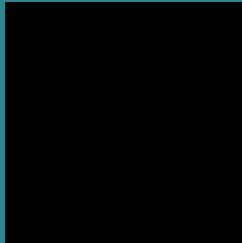
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 25.334, 210.530

Background



This preview shows how black text looks on a background with the CIELCh color 51, 25.334, 210.530.

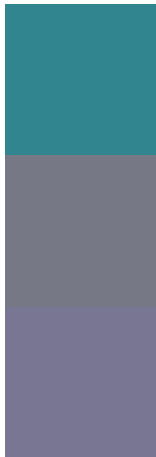


This preview shows how white text looks on a background with the CIELCh color 51, 25.334, 210.530.

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, 25.334, 210.530

Protanopia
51, 8.176, 288.551

Deuteranopia
51, 16.400, 294.811



Tritanopia
51, 25.334, 210.530

Trichromacy



Original Color
51, 25.334, 210.530

Protanomaly
50, 13.134, 230.890

Deuteranomaly
50, 15.964, 252.867

Tritanomaly
51, 25.334, 210.530

Monochromacy



Original Color
51, 25.334, 210.530

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 11.623, 210.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 25.334, 210.530 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(48, 133, 143)` looks like.

```
.text, #text, p{  
    color:rgb(48, 133, 143)  
}
```

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(48, 133, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 133, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 25.334, 210.530 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(48, 133, 143) }
```

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

```
.border{ border-color:rgb(48, 133, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 133, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 133, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 133, 143);  
box-shadow:4px 4px 4px 4px rgb(48, 133,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 25.334, 210.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 133, 143) }
```

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

```
.background{ background-color: rgb(48, 133,  
143) }
```

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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