

Converting Colors

CIELCh(51, 21.149, 207.272)

Have a look what the booklet for
CIELCh(51, 21.149, 207.272)
contains.

CIELCh(51, 21.034, 207.061)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(51, 21.034, 207.061)

Conversions

Conversions Part 1

Format	Color
Hex	438389
RGB	67, 131, 137
RGB Percent	26%, 51%, 54%
CMY	0.7368, 0.4858, 0.4623
CMYK	0.51, 0.04, 0.00, 0.46
HSL	185°, 34%, 40%
HSV	185°, 51%, 54%
XYZ	14.9768, 19.2686, 26.6379
YIQ	112.5480, -40.0700, -11.7020

Conversions

Conversions Part 2

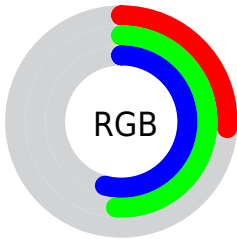
Format	Color
R _{YB}	67, 100, 137
Decimal	4424585
CIE _{Lab}	51.00, -18.73, -9.57
CIE _{LCh}	51, 21.034, 207.061
Yxy	19.2686, 0.2460, 0.3165
Android (android.graphics.Color)	4282614665 (0xFF438389)
YUV	112.5480, 12.0548, -39.9456
Hunter-Lab	43.8960, -15.9161, -5.2524

Details

The CIELCh color **51, 21.034, 207.061** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **39, 30.739, 30.712**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 20.852, 206.956**, and **31, 20.985, 207.273** is the 20% darker color. If you saturate the color by 10%, you get **50, 23.724, 207.436**, and if you desaturate by 10%, it is **52, 17.780, 206.851**.

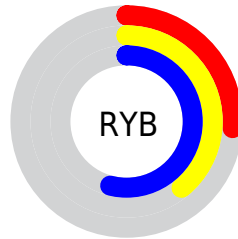
Distribution



Red (26%)

Green (51%)

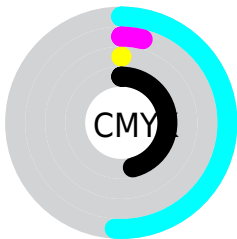
Blue (54%)



Red (26%)

Yellow (39%)

Blue (54%)

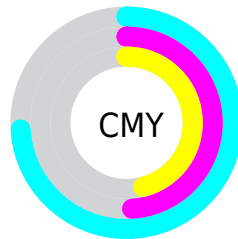


Cyan (51%)

Magenta (4%)

Yellow (0%)

Black (46%)



Cyan (74%)


Magenta (49%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 21.034, 207.061 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, 21.034, 207.061 by changing the saturation by 10% instead.


 51, 21.034,
207.061


 51, 21.034,
207.061


 100, 21.034,
207.061


 41, 21.034,
207.061


 71, 21.034,
207.061

 31, 21.034,
207.061

 81, 21.034,
207.061

 21, 21.034,
207.061

 91, 21.034,
207.061

 11, 21.034,
207.061

 1, 21.034, 207.061

 0, 21.034, 207.061

■ 51, 21.034,
207.061

■ 51, 21.034,
207.061

■ 50, 23.724,
207.436

■ 52, 17.780,
206.851

■ 49, 25.803,
208.011

■ 53, 14.028,
206.786

■ 49, 27.254,
208.814

■ 54, 9.850, 206.844

■ 48, 28.096,
209.870

■ 56, 5.323, 207.020

■ 57, 0.518, 207.970

■ 48, 28.528,
210.960

■ 58, 4.501, 27.336

■ 60, 9.676, 27.705

■ 62, 14.961, 28.073

■ 63, 20.317, 28.457

Harmonies

Complementary

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



51, 21.034, 207.061



39, 30.739, 30.712

Rectangle

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



51, 21.034, 207.061



51, 21.034, 257.061



51, 21.034, 27.061



51, 21.034, 77.061

Sweetspot

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



51, 21.034, 207.059



70, 8.858, 206.928



51, 45.654, 142.612



36, 5.988, 206.897



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 21.034, 207.059



64, 29.161, 207.499



40, 26.003, 273.208



28, 2.741, 207.071



46, 27.852, 210.909



1, 1.302, 207.199

Inverse Universe

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



40, 45.310, 329.660



48, 65.061, 330.235



48, 27.837, 77.260



27, 5.131, 327.323



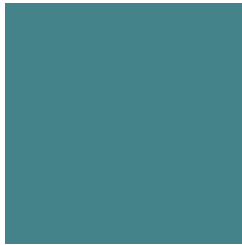
30, 66.612, 331.857



0, 2.368, 326.840

Previews

White Background



This preview shows how the CIE LCh color 51, 21.034, 207.061 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, 21.034, 207.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

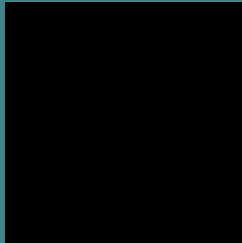
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 21.034, 207.061

Background



This preview shows how black text looks on a background with the CIELCh color 51, 21.034, 207.061.



This preview shows how white text looks on a background with the CIELCh color 51, 21.034, 207.061.

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, 21.034, 207.061

Protanopia

51, 5.840, 290.934

Deuteranopia

51, 13.031, 300.116



Tritanopia
51, 20.700, 215.787

Trichromacy



Original Color
51, 21.034, 207.061

Protanomaly
51, 9.831, 231.153

Deuteranomaly
51, 11.623, 252.744

Tritanomaly
51, 20.635, 214.110

Monochromacy



Original Color
51, 21.034, 207.061

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 9.134, 205.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 21.034, 207.061 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(67, 131, 137)` looks like.

```
.text, #text, p{  
    color:rgb(67, 131, 137)  
}
```

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(67, 131, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 131, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 21.034, 207.061 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(67, 131, 137) }
```

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

```
.border{ border-color:rgb(67, 131, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 131, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 131, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 131, 137);  
box-shadow:4px 4px 4px 4px rgb(67, 131,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 21.034, 207.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 131, 137) }
```

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

```
.background{ background-color: rgb(67, 131,  
137) }
```

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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