

Converting Colors

CIELCh(51, 37.758, 131.877)

Have a look what the booklet for
CIELCh(51, 37.758, 131.877)
contains.

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Color

CIELCh(51, 37.777, 132.021)

Conversions

Conversions Part 1

Format	Color
Hex	5D8448
RGB	93, 132, 72
RGB Percent	36%, 52%, 28%
CMY	0.6356, 0.4827, 0.7180
CMYK	0.30, 0.00, 0.45, 0.48
HSL	99°, 29%, 40%
HSV	99°, 45%, 52%
XYZ	13.9122, 19.2686, 9.1031
YIQ	113.4990, -3.9840, -26.9280

Conversions

Conversions Part 2

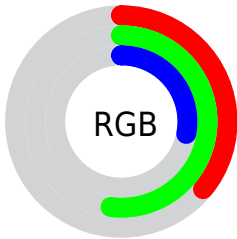
Format	Color
RYB	72, 132, 111
Decimal	6128712
CIELab	51.00, -25.29, 28.06
CIELCh	51, 37.777, 132.021
Yxy	19.2686, 0.3290, 0.4557
Android (android.graphics.Color)	4284318792 (0xFF5D8448)
YUV	113.4990, -20.4590, -17.9776
Hunter-Lab	43.8960, -20.2452, 18.4317

Details

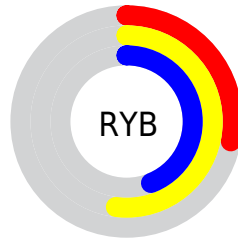
The CIELCh color **51, 37.777, 132.021** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **37, 39.312, 316.021**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 37.362, 132.065**, and **31, 37.580, 132.016** is the 20% darker color. If you saturate the color by 10%, you get **50, 45.548, 131.552**, and if you desaturate by 10%, it is **52, 29.659, 132.524**.

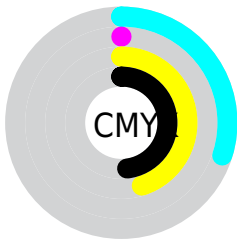
Distribution



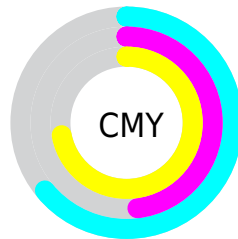
- Red (36%)
- Green (52%)
- Blue (28%)



- Red (28%)
- Yellow (52%)
- Blue (44%)



- Cyan (30%)
- Magenta (0%)
- Yellow (45%)
- Black (48%)





- Cyan (64%)
- Magenta (48%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 37.777, 132.021 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, 37.777, 132.021 by changing the saturation by 10% instead.


 51, 37.777,
132.021


 51, 37.777,
132.021


 100, 37.777,
132.021


 41, 37.777,
132.021


 71, 37.777,
132.021

 31, 37.777,
132.021

 81, 37.777,
132.021

 21, 37.777,
132.021

 91, 37.777,
132.021

 11, 37.777,
132.021

 1, 37.777, 132.021

 0, 37.777, 132.021

■ 51, 37.777,
132.021

■ 51, 37.777,
132.021

■ 50, 45.548,
131.552

■ 52, 29.659,
132.524

■ 50, 52.751,
131.176

■ 53, 21.347,
133.022

■ 49, 59.102,
130.987

■ 54, 12.956,
133.494

■ 49, 64.265,
131.099

■ 55, 4.567, 133.941

■ 48, 68.029,
131.575

■ 56, 3.761, 314.270

■ 48, 69.567,
131.749

■ 57, 11.987,
314.638

■ 58, 20.081,
314.947

■ 59, 28.024,
315.217

■ 61, 35.804,
315.451

Harmonies

Complementary

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



51, 37.777, 132.021



37, 39.312, 316.021

Rectangle

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



51, 37.777, 132.021



51, 37.777, 182.021



51, 37.777, 312.021



51, 37.777, 2.021

Sweetspot

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



51, 37.778, 132.022



68, 14.471, 133.547



48, 24.893, 83.973



36, 10.073, 133.461



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 37.778, 132.022



64, 55.715, 131.519



50, 37.895, 145.202



28, 4.730, 133.778



48, 68.838, 131.729



1, 1.132, 134.133

Inverse Universe

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



37, 39.312, 316.021



44, 58.482, 316.404



39, 37.847, 331.549



26, 4.773, 314.481



22, 73.216, 316.137



0, 1.132, 314.130

Previews

White Background



This preview shows how the CIELCh color 51, 37.777, 132.021 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, 37.777, 132.021 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, 37.777, 132.021

Background



This preview shows how black text looks on a background with the CIELCh color 51, 37.777, 132.021.



This preview shows how white text looks on a background with the CIELCh color 51, 37.777, 132.021.

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, 37.777, 132.021

Protanopia
51, 30.744, 95.792

Deuteranopia
51, 27.251, 76.538



Tritanopia
51, 9.822, 235.323

Trichromacy



Original Color
51, 37.777, 132.021

Protanomaly
51, 31.832, 111.768

Deuteranomaly
51, 26.979, 101.815

Tritanomaly
51, 14.871, 159.116

Monochromacy



Original Color
51, 37.777, 132.021

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 14.152, 132.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 37.777, 132.021 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(93, 132, 72)` looks like.

```
.text, #text, p{  
    color:rgb(93, 132, 72)  
}
```

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(93, 132, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 132, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 37.777, 132.021 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(93, 132, 72) }
```

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

```
.border{ border-color:rgb(93, 132, 72) }
```

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

Here you see how a box with a 4 pixel rgb(93, 132, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 132, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 132, 72);  
box-shadow:4px 4px 4px 4px rgb(93, 132,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 37.777, 132.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 132, 72) }
```

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

```
.background{ background-color: rgb(93, 132,  
72) }
```

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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