

Converting Colors

CIELCh(50, 30.068, 153.933)

Have a look what the booklet for
CIELCh(50, 30.068, 153.933)
contains.

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Color

CIELCh(50, 30.152, 154.060)

Conversions

Conversions Part 1

Format	Color
Hex	4A8360
RGB	74, 131, 96
RGB Percent	29%, 51%, 38%
CMY	0.7112, 0.4876, 0.6248
CMYK	0.44, 0.00, 0.27, 0.49
HSL	143°, 28%, 40%
HSV	143°, 44%, 51%
XYZ	12.9627, 18.4187, 13.8584
YIQ	109.9670, -22.7370, -22.9690

Conversions

Conversions Part 2

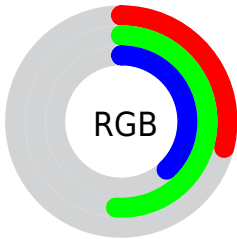
Format	Color
RYB	74, 115, 131
Decimal	4883296
CIELab	50.00, -27.11, 13.19
CIELCh	50, 30.152, 154.060
Yxy	18.4187, 0.2865, 0.4071
Android (android.graphics.Color)	4283073376 (0xFF4A8360)
YUV	109.9670, -6.8857, -31.5431
Hunter-Lab	42.9170, -21.1904, 10.8965

Details

The CIELCh color **50, 30.152, 154.060** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **39, 30.865, 341.603**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 29.643, 154.246**, and **30, 29.834, 154.331** is the 20% darker color. If you saturate the color by 10%, you get **49, 36.554, 152.801**, and if you desaturate by 10%, it is **51, 23.441, 155.165**.

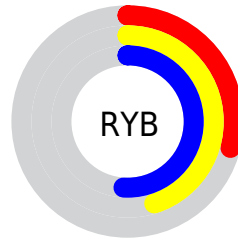
Distribution



Red (29%)

Green (51%)

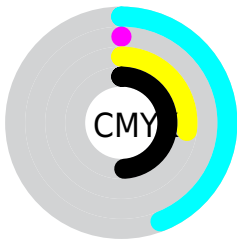
Blue (38%)



Red (29%)

Yellow (45%)

Blue (51%)

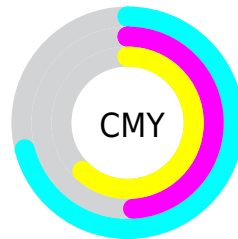


Cyan (44%)

Magenta (0%)

Yellow (27%)

Black (49%)



Cyan (71%)


Magenta (49%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 30.152, 154.060 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 50, 30.152, 154.060 by changing the saturation by 10% instead.


 50, 30.152,
154.060


 50, 30.152,
154.060


 100, 30.152,
154.060


 40, 30.152,
154.060


 70, 30.152,
154.060

 30, 30.152,
154.060


 80, 30.152,
154.060


 20, 30.152,
154.060

 90, 30.152,
154.060

 10, 30.152,
154.060

 0, 30.152, 154.060

 50, 30.152,
154.060

 50, 30.152,
154.060

■ 49, 36.554,
152.801

■ 51, 23.441,
155.165

■ 49, 42.530,
151.371

■ 52, 16.533,
156.139

■ 48, 47.974,
149.755

■ 53, 9.531, 157.008

■ 48, 52.806,
147.952

■ 54, 2.522, 157.846

■ 48, 56.991,
145.987

■ 55, 4.426, 338.360

■ 47, 59.459,
144.801

■ 57, 11.261,
339.009

■ 58, 17.946,
339.574

■ 60, 24.456,
340.086

■ 62, 30.778,
340.555

Harmonies

Complementary

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



50, 30.152, 154.060



39, 30.865, 341.603

Rectangle

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



50, 30.152, 154.060



50, 30.152, 204.060



50, 30.152, 334.060



50, 30.152, 24.060

Sweetspot

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



50, 30.153, 154.060



68, 11.324, 157.034



52, 33.535, 122.737



35, 7.989, 156.872



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



50, 30.153, 154.060



63, 44.167, 152.856



51, 20.556, 186.342



27, 3.988, 157.373



47, 59.248, 144.812



1, 0.954, 158.001

Inverse Universe

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



39, 30.865, 341.603



48, 45.161, 342.636



38, 25.875, 14.907



26, 4.018, 338.608



28, 53.655, 350.787



0, 0.954, 337.993

Previews

White Background



This preview shows how the CIELCh color 50, 30.152, 154.060 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 CIE LCh color 50, 30.152, 154.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

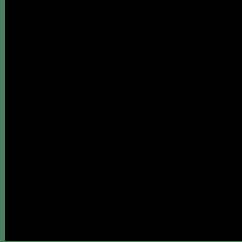
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 30.152, 154.060

Background



This preview shows how black text looks on a background with the CIELCh color 50, 30.152, 154.060.



This preview shows how white text looks on a background with the CIELCh color 50, 30.152, 154.060.

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
50, 30.152, 154.060

Protanopia
50, 16.755, 94.298

Deuteranopia
50, 13.405, 60.590



Tritanopia
50, 15.653, 222.554

Trichromacy



Original Color
50, 30.152, 154.060

Protanomaly
50, 19.074, 127.384

Deuteranomaly
49, 13.057, 119.722

Tritanomaly
50, 17.549, 185.946

Monochromacy



Original Color
50, 30.152, 154.060

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 11.506, 156.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 30.152, 154.060 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(74, 131, 96)` looks like.

```
.text, #text, p{  
    color:rgb(74, 131, 96)  
}
```

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(74, 131, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 131, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 30.152, 154.060 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(74, 131, 96) }
```

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

```
.border{ border-color:rgb(74, 131, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 131, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 131, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 131, 96);  
box-shadow:4px 4px 4px 4px rgb(74, 131,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 30.152, 154.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 131, 96) }
```

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

```
.background{ background-color: rgb(74, 131,  
96) }
```

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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