

Converting Colors

CIELCh(53, 68.835, 124.865)

Have a look what the booklet for
CIELCh(53, 68.835, 124.865)
contains.

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Color

CIELCh(53, 68.574, 124.900)

Conversions

Conversions Part 1

Format	Color
Hex	528E00
RGB	82, 142, 0
RGB Percent	32%, 56%, 0%
CMY	0.6795, 0.4442, 1.0000
CMYK	0.42, 0.00, 1.00, 0.44
HSL	85°, 100%, 28%
HSV	85°, 100%, 56%
XYZ	13.0856, 21.0462, 3.3588
YIQ	107.8720, 9.8220, -56.8820

Conversions

Conversions Part 2

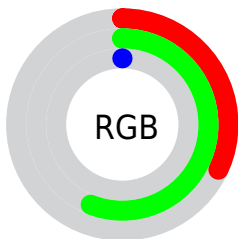
Format	Color
RYB	0, 142, 60
Decimal	5410304
CIELab	53.00, -39.23, 56.24
CIELCh	53, 68.574, 124.900
Yxy	21.0462, 0.3490, 0.5614
Android (android.graphics.Color)	4283600384 (0xFF528E00)
YUV	107.8720, -53.1809, -22.6897
Hunter-Lab	45.8761, -29.3683, 27.7724

Details

The CIELCh color **53, 68.574, 124.900** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **20, 81.705, 310.532**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 68.497, 124.933**, and **33, 54.198, 132.895** is the 20% darker color. If you saturate the color by 10%, you get **53, 68.499, 124.933**, and if you desaturate by 10%, it is **53, 65.321, 124.131**.

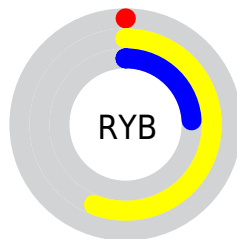
Distribution



Red (32%)

Green (56%)

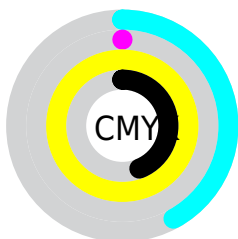
Blue (0%)



Red (0%)

Yellow (56%)

Blue (24%)

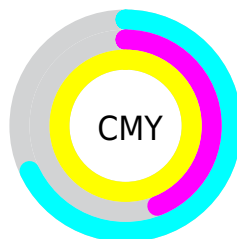


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (68%)


Magenta (44%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 68.574, 124.900 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 53, 68.574, 124.900 by changing the saturation by 10% instead.


 53, 68.574,
124.900


 53, 68.574,
124.900


 100, 68.574,
124.900


 43, 68.574,
124.900


 73, 68.574,
124.900

 33, 68.574,
124.900

 83, 68.574,
124.900

 23, 68.574,
124.900

 93, 68.574,
124.900

 13, 68.574,
124.900

 3, 68.574, 124.900

 0, 68.574, 124.900

■ 53, 68.574,
124.900

■ 53, 68.574,
124.900

■ 53, 68.499,
124.933

■ 53, 65.321,
124.131

■ 54, 61.010,
123.618

■ 54, 55.323,
123.499

■ 55, 48.599,
123.660

■ 55, 41.164,
123.997

■ 56, 33.272,
124.433

■ 57, 25.102,
124.914

■ 57, 16.779,

125.409

■ 58, 8.389, 125.897

Harmonies

Complementary

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



53, 68.574, 124.900



20, 81.705, 310.532

Rectangle

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



53, 68.574, 124.900



53, 68.574, 174.900



53, 68.574, 304.900



53, 68.574, 354.900

Sweetspot

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



53, 68.499, 124.933



72, 30.996, 124.883



36, 56.924, 55.123



37, 21.034, 124.703



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



53, 68.499, 124.933



67, 83.109, 125.275



51, 76.852, 135.537



30, 4.765, 125.936



51, 66.133, 124.860



2, 3.224, 126.350

Inverse Universe

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



20, 81.705, 310.532



27, 99.090, 310.303



31, 75.016, 325.055



28, 4.837, 306.776



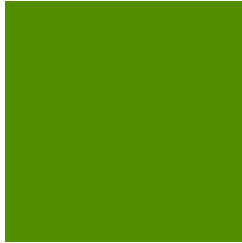
18, 78.889, 310.580



0, 3.225, 306.348

Previews

White Background



This preview shows how the CIELCh color 53, 68.574, 124.900 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 53, 68.574, 124.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

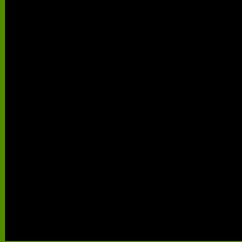
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 68.574, 124.900

Background



This preview shows how black text looks on a background with the CIELCh color 53, 68.574, 124.900.



This preview shows how white text looks on a background with the CIELCh color 53, 68.574, 124.900.

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

53, 68.574, 124.900

Protanopia

53, 58.030, 95.212

Deuteranopia

53, 52.541, 82.698



Tritanopia
53, 13.194, 224.532

Trichromacy



Original Color
53, 68.574, 124.900

Protanomaly
52, 59.776, 108.268

Deuteranomaly
52, 54.597, 101.775

Tritanomaly
53, 31.897, 141.090

Monochromacy



Original Color
53, 68.574, 124.900

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 30.856, 124.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 68.574, 124.900 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(82, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(82, 142, 0)  
}
```

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(82, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 142, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 68.574, 124.900 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(82, 142, 0) }
```

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

```
.border{ border-color:rgb(82, 142, 0) }
```

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

Here you see how a box with a 4 pixel rgb(82, 142, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 142, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 142, 0);  
box-shadow:4px 4px 4px 4px rgb(82, 142, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 53, 68.574, 124.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 142, 0) }
```

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

```
.background{ background-color: rgb(82, 142,  
0) }
```

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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