

Converting Colors

CIELCh(53, 67.229, 121.144)

Have a look what the booklet for
CIELCh(53, 67.229, 121.144)
contains.

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Color

CIELCh(53, 66.149, 121.540)

Conversions

Conversions Part 1

Format	Color
Hex	5C8C00
RGB	92, 140, 0
RGB Percent	36%, 55%, 0%
CMY	0.6390, 0.4508, 0.9997
CMYK	0.34, 0.00, 1.00, 0.45
HSL	81°, 100%, 27%
HSV	81°, 100%, 55%
XYZ	13.8026, 21.0462, 3.3370
YIQ	109.6880, 16.3320, -53.7160

Conversions

Conversions Part 2

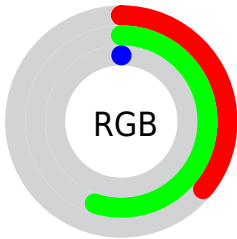
Format	Color
R_{YB}	0, 140, 48
Decimal	6065152
CIE Lab	53.00, -34.60, 56.38
CIE LCh	53, 66.149, 121.540
Yxy	21.0462, 0.3615, 0.5512
Android (android.graphics.Color)	4284255232 (0xFF5C8C00)
YUV	109.6880, -54.0762, -15.5124
Hunter-Lab	45.8761, -26.5783, 27.8006

Details

The CIELCh color **53, 66.149, 121.540** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **18, 82.245, 309.150**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 66.084, 121.542**, and **33, 51.146, 129.081** is the 20% darker color. If you saturate the color by 10%, you get **53, 66.167, 121.545**, and if you desaturate by 10%, it is **53, 63.180, 120.800**.

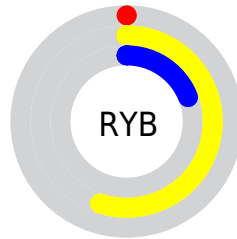
Distribution



Red (36%)

Green (55%)

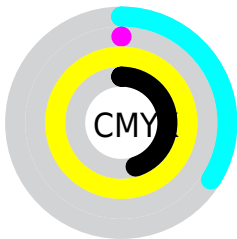
Blue (0%)



Red (0%)

Yellow (55%)

Blue (19%)

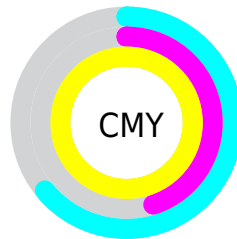


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (64%)


Magenta (45%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 66.149, 121.540 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, 66.149, 121.540 by changing the saturation by 10% instead.


 53, 66.149,
121.540


 53, 66.149,
121.540


 100, 66.149,
121.540


 43, 66.149,
121.540


 73, 66.149,
121.540

 33, 66.149,
121.540

 83, 66.149,
121.540

 23, 66.149,
121.540

 93, 66.149,
121.540

 13, 66.149,
121.540

 3, 66.149, 121.540

 0, 66.149, 121.540

■ 53, 66.149,
121.540

■ 53, 66.149,
121.540

■ 53, 66.167,
121.545

■ 53, 63.180,
120.800

■ 54, 59.094,
120.346

■ 54, 53.643,
120.270

■ 55, 47.160,
120.465

■ 55, 39.970,
120.834

■ 56, 32.321,
121.305

■ 56, 24.391,
121.826

■ 57, 16.301,

122.365

■ 58, 8.133, 122.900

Harmonies

Complementary

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



53, 66.149, 121.540



18, 82.245, 309.150

Rectangle

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



53, 66.149, 121.540



53, 66.149, 171.540



53, 66.149, 301.540



53, 66.149, 351.540

Sweetspot

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



53, 66.149, 121.541



71, 30.129, 121.789



33, 58.867, 49.892



37, 20.673, 121.592



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, 66.149, 121.541



67, 80.095, 121.867



51, 75.443, 134.825



29, 4.553, 122.943



50, 63.562, 121.467



1, 2.119, 123.405

Inverse Universe

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



18, 82.245, 309.150



25, 99.627, 308.943



29, 75.001, 322.025



27, 4.631, 303.887



17, 79.032, 309.203



0, 2.119, 303.404

Previews

White Background



This preview shows how the CIELCh color 53, 66.149, 121.540 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, 66.149, 121.540 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, 66.149, 121.540

Background



This preview shows how black text looks on a background with the CIELCh color 53, 66.149, 121.540.



This preview shows how white text looks on a background with the CIELCh color 53, 66.149, 121.540.

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, 66.149, 121.540

Protanopia

53, 58.030, 95.212

Deuteranopia

53, 52.870, 82.781



Tritanopia
53, 10.628, 235.708

Trichromacy



Original Color
53, 66.149, 121.540

Protanomaly
52, 59.238, 106.055

Deuteranomaly
52, 54.611, 99.233

Tritanomaly
52, 28.678, 135.697

Monochromacy



Original Color
53, 66.149, 121.540

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 30.277, 121.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 66.149, 121.540 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(92, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(92, 140, 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(92, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 140, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 66.149, 121.540 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(92, 140, 0) }
```

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

```
.border{ border-color:rgb(92, 140, 0) }
```

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

Here you see how a box with a 4 pixel rgb(92, 140, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(92, 140, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 53, 66.149, 121.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 140, 0) }
```

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

```
.background{ background-color: rgb(92, 140,  
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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