

Converting Colors

CIELCh(53, 77.722, 111.345)

Have a look what the booklet for
CIELCh(53, 77.722, 111.345)
contains.

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Color

CIELCh(53, 62.764, 115.066)

Conversions

Conversions Part 1

Format	Color
Hex	6C8900
RGB	108, 137, 0
RGB Percent	42%, 54%, 0%
CMY	0.5769, 0.4631, 1.0000
CMYK	0.21, 0.00, 1.00, 0.46
HSL	73°, 100%, 27%
HSV	73°, 100%, 54%
XYZ	15.1038, 21.0462, 3.2614
YIQ	112.7110, 26.6930, -48.7550

Conversions

Conversions Part 2

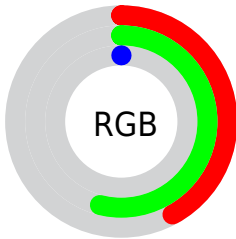
Format	Color
RYB	0, 137, 29
Decimal	7112960
CIELab	53.00, -26.59, 56.85
CIElCh	53, 62.764, 115.066
Yxy	21.0462, 0.3832, 0.5340
Android (android.graphics.Color)	4285303040 (0xFF6C8900)
YUV	112.7110, -55.5665, -4.1315
Hunter-Lab	45.8761, -21.5157, 27.8982

Details

The CIELCh color **53, 62.764, 115.066** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **16, 82.670, 307.539**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 62.360, 115.010**, and **33, 47.128, 121.304** is the 20% darker color. If you saturate the color by 10%, you get **53, 62.737, 115.076**, and if you desaturate by 10%, it is **53, 60.109, 114.601**.

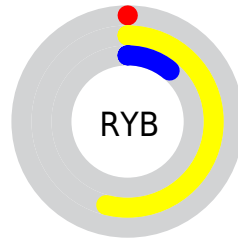
Distribution



Red (42%)

Green (54%)

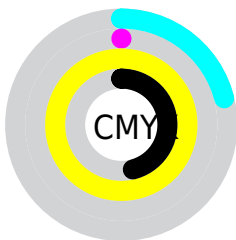
Blue (0%)



Red (0%)

Yellow (54%)

Blue (11%)

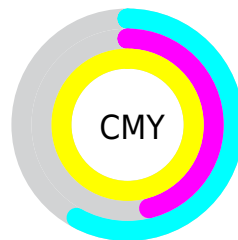


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (58%)


Magenta (46%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 62.764, 115.066 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, 62.764, 115.066 by changing the saturation by 10% instead.

 53, 62.764,
115.066


 53, 62.764,
115.066

 100, 62.764,
115.066

 43, 62.764,
115.066


 73, 62.764,
115.066

 33, 62.764,
115.066

 83, 62.764,
115.066

 23, 62.764,
115.066

 93, 62.764,
115.066

 13, 62.764,
115.066

 3, 62.764, 115.066

 0, 62.764, 115.066

■ 53, 62.764,
115.066

■ 53, 62.764,
115.066

■ 53, 62.737,
115.076

■ 53, 60.109,
114.601

■ 53, 56.394,
114.372

■ 54, 51.312,
114.466

■ 54, 45.196,
114.798

■ 55, 38.366,
115.286

■ 55, 31.071,
115.869

■ 55, 23.487,
116.504

■ 56, 15.730,

117.158

■ 56, 7.881, 117.813

Harmonies

Complementary

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



53, 62.764, 115.066



16, 82.670, 307.539

Rectangle

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



53, 62.764, 115.066



53, 62.764, 165.066



53, 62.764, 295.066



53, 62.764, 345.066

Sweetspot

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



53, 62.737, 115.076



71, 29.155, 116.461



30, 61.450, 43.616



37, 19.764, 116.227



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 62.737, 115.076



68, 76.307, 115.324



50, 72.386, 132.832



29, 4.468, 117.867



51, 61.290, 115.042



1, 2.082, 118.449

Inverse Universe

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



16, 82.670, 307.539



22, 100.673, 307.379



25, 75.316, 317.593



27, 4.556, 299.064



15, 80.750, 307.562



0, 2.082, 298.449

Previews

White Background



This preview shows how the CIELCh color 53, 62.764, 115.066 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, 62.764, 115.066 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, 62.764, 115.066

Background



This preview shows how black text looks on a background with the CIELCh color 53, 62.764, 115.066.



This preview shows how white text looks on a background with the CIELCh color 53, 62.764, 115.066.

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

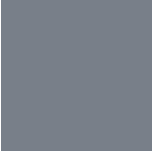
53, 62.764, 115.066

Protanopia

53, 58.353, 95.266

Deuteranopia

53, 53.505, 82.936



Tritanopia
53, 6.315, 266.004

Trichromacy



Original Color
53, 62.764, 115.066

Protanomaly
53, 59.119, 103.312

Deuteranomaly
52, 54.808, 96.180

Tritanomaly
53, 25.848, 121.562

Monochromacy



Original Color
53, 62.764, 115.066

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 28.982, 116.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 62.764, 115.066 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(108, 137, 0)` looks like.

```
.text, #text, p{  
    color:rgb(108, 137, 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(108, 137, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 137, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 62.764, 115.066 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(108, 137, 0) }
```

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

```
.border{ border-color:rgb(108, 137, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 137, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 137, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 137, 0);  
box-shadow:4px 4px 4px 4px rgb(108, 137,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 62.764, 115.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 137, 0) }
```

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

```
.background{ background-color: rgb(108,  
137, 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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