

Converting Colors

CIELCh(53, 65.117, 134.455)

Have a look what the booklet for
CIELCh(53, 65.117, 134.455)
contains.

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Color

CIELCh(53, 65.147, 134.473)

Conversions

Conversions Part 1

Format	Color
Hex	3B9025
RGB	59, 144, 37
RGB Percent	23%, 56%, 15%
CMY	0.7682, 0.4349, 0.8545
CMYK	0.59, 0.00, 0.74, 0.43
HSL	108°, 59%, 36%
HSV	108°, 74%, 57%
XYZ	12.1355, 21.0462, 5.1819
YIQ	106.3870, -16.3130, -51.2970

Conversions

Conversions Part 2

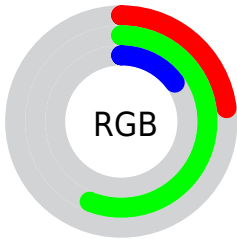
Format	Color
R_{YB}	37, 144, 122
Decimal	3903525
CIE _{Lab}	53.00, -45.64, 46.49
CIE _{LCh}	53, 65.147, 134.473
Yxy	21.0462, 0.3163, 0.5486
Android (android.graphics.Color)	4282093605 (0xFF3B9025)
YUV	106.3870, -34.2078, -41.5584
Hunter-Lab	45.8761, -33.0649, 25.4163

Details

The CIELCh color **53, 65.147, 134.473** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **33, 66.324, 321.187**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 65.300, 134.405**, and **33, 56.868, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **53, 70.818, 134.236**, and if you desaturate by 10%, it is **54, 58.092, 134.957**.

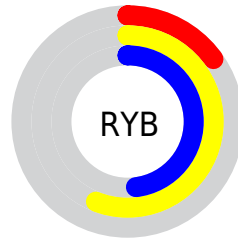
Distribution



Red (23%)

Green (56%)

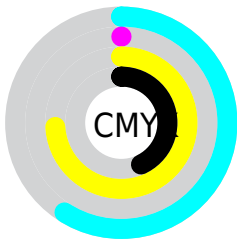
Blue (15%)



Red (15%)

Yellow (56%)

Blue (48%)

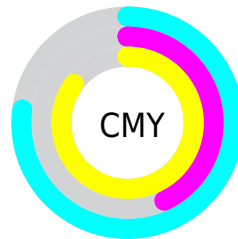


Cyan (59%)

Magenta (0%)

Yellow (74%)

Black (43%)



Cyan (77%)


Magenta (43%)


Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 65.147, 134.473 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, 65.147, 134.473 by changing the saturation by 10% instead.


 53, 65.147,
134.473


 53, 65.147,
134.473


 100, 65.147,
134.473


 43, 65.147,
134.473


 73, 65.147,
134.473

 33, 65.147,
134.473

 83, 65.147,
134.473

 23, 65.147,
134.473

 93, 65.147,
134.473

 13, 65.147,
134.473

 3, 65.147, 134.473

 0, 65.147, 134.473

■ 53, 65.147,
134.473

■ 53, 65.147,
134.473

■ 53, 70.818,
134.236

■ 54, 58.092,
134.957

■ 52, 74.780,
134.345

■ 54, 50.035,
135.570

■ 52, 76.612,
134.388

■ 55, 41.308,
136.223

■ 56, 32.168,
136.862

■ 57, 22.807,
137.458

■ 58, 13.370,
137.998

■ 59, 3.961, 138.500

■ 61, 5.343, 318.842

■ 62, 14.491,
319.219

Harmonies

Complementary

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



53, 65.147, 134.473



33, 66.324, 321.187

Rectangle

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



53, 65.147, 134.473



53, 65.147, 184.473



53, 65.147, 314.473



53, 65.147, 4.473

Sweetspot

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



53, 65.147, 134.474



72, 25.495, 137.559



52, 46.863, 90.432



38, 17.269, 137.424



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 65.147, 134.474



67, 88.902, 134.268



53, 56.810, 145.591



30, 5.246, 138.253



49, 73.062, 134.327



2, 3.534, 138.643

Inverse Universe

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



33, 66.324, 321.187



39, 89.748, 320.961



35, 55.235, 339.685



28, 5.275, 319.013



26, 73.483, 320.688



1, 3.535, 318.639

Previews

White Background



This preview shows how the CIELCh color 53, 65.147, 134.473 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 53, 65.147, 134.473 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, 65.147, 134.473

Background



This preview shows how black text looks on a background with the CIELCh color 53, 65.147, 134.473.



This preview shows how white text looks on a background with the CIELCh color 53, 65.147, 134.473.

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, 65.147, 134.473

Protanopia
53, 50.031, 95.600

Deuteranopia
53, 44.668, 81.458



Tritanopia
53, 18.531, 218.099

Trichromacy



Original Color
53, 65.147, 134.473

Protanomaly
52, 52.592, 114.879

Deuteranomaly
52, 46.409, 108.921

Tritanomaly
53, 30.641, 159.379

Monochromacy



Original Color
53, 65.147, 134.473

Achromatopsia
45, 0.006, 296.813

Achromatomaly
47, 26.298, 137.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 65.147, 134.473 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(59, 144, 37)` looks like.

```
.text, #text, p{  
    color:rgb(59, 144, 37)  
}
```

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(59, 144, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 144, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 65.147, 134.473 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(59, 144, 37) }
```

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

```
.border{ border-color:rgb(59, 144, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 144, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 144, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 144, 37);  
box-shadow:4px 4px 4px 4px rgb(59, 144,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 65.147, 134.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 144, 37) }
```

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

```
.background{ background-color: rgb(59, 144,  
37) }
```

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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