

Converting Colors

CIELCh(54, 64.322, 144.590)

Have a look what the booklet for
CIELCh(54, 64.322, 144.590)
contains.

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Color

CIELCh(54, 64.225, 144.577)

Conversions

Conversions Part 1

Format	Color
Hex	0F953C
RGB	15, 149, 60
RGB Percent	6%, 58%, 24%
CMY	0.9396, 0.4151, 0.7642
CMYK	0.90, 0.00, 0.60, 0.42
HSL	140°, 81%, 32%
HSV	140°, 90%, 58%
XYZ	11.7938, 21.9746, 7.9136
YIQ	98.7880, -51.2950, -56.0870

Conversions

Conversions Part 2

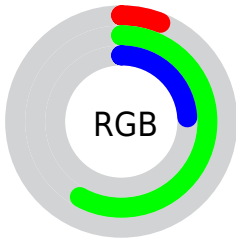
Format	Color
R_{YB}	15, 115, 149
Decimal	1021244
CIE _{Lab}	54.00, -52.34, 37.23
CIE _{LCh}	54, 64.225, 144.577
Yxy	21.9746, 0.2829, 0.5272
Android (android.graphics.Color)	4279211324 (0xFF0F953C)
YUV	98.7880, -19.1225, -73.4821
Hunter-Lab	46.8770, -37.1261, 22.8048

Details

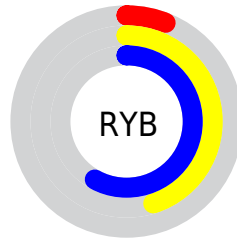
The CIELCh color **54, 64.225, 144.577** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **33, 59.623, 345.027**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 64.075, 144.523**, and **35, 57.055, 137.403** is the 20% darker color. If you saturate the color by 10%, you get **54, 68.587, 142.682**, and if you desaturate by 10%, it is **54, 59.150, 146.464**.

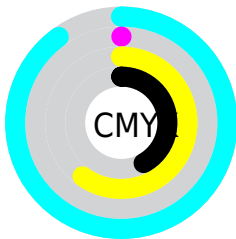
Distribution



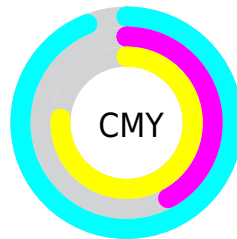
- Red (6%)
- Green (58%)
- Blue (24%)



- Red (6%)
- Yellow (45%)
- Blue (58%)



- Cyan (90%)
- Magenta (0%)
- Yellow (60%)
- Black (42%)





- Cyan (94%)
- Magenta (42%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 64.225, 144.577 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 54, 64.225, 144.577 by changing the saturation by 10% instead.


 54, 64.225,
144.577

 54, 64.225,
144.577


 100, 64.225,
144.577

 44, 64.225,
144.577


 74, 64.225,
144.577

 34, 64.225,
144.577

 84, 64.225,
144.577

 24, 64.225,
144.577

 94, 64.225,
144.577

 14, 64.225,
144.577

 4, 64.225, 144.577

 0, 64.225, 144.577

■ 54, 64.225,
144.577

■ 54, 64.225,
144.577

■ 54, 68.587,
142.682

■ 54, 59.150,
146.464

■ 54, 68.724,
142.625

■ 55, 53.288,
148.191

■ 55, 46.718,
149.736

■ 56, 39.561,
151.099

■ 57, 31.955,
152.292

■ 58, 24.045,
153.335

■ 59, 15.964,
154.250

■ 60, 7.827, 155.066

Harmonies

Complementary

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



54, 64.225, 144.577



33, 59.623, 345.027

Rectangle

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



54, 64.225, 144.577



54, 64.225, 194.577



54, 64.225, 324.577



54, 64.225, 14.577

Sweetspot

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



54, 64.225, 144.577



74, 27.106, 153.540



57, 66.051, 120.393



38, 18.193, 153.246



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 64.225, 144.577



69, 84.252, 142.175



55, 38.234, 176.248



31, 4.539, 155.104



50, 64.601, 142.787



2, 3.962, 155.717

Inverse Universe

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



33, 59.623, 345.027



43, 73.481, 347.590



32, 58.106, 26.026



29, 4.566, 336.307



30, 57.431, 346.891



1, 3.963, 335.710

Previews

White Background



This preview shows how the CIELCh color 54, 64.225, 144.577 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 54, 64.225, 144.577 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 54, 64.225, 144.577

Background



This preview shows how black text looks on a background with the CIELCh color 54, 64.225, 144.577.



This preview shows how white text looks on a background with the CIELCh color 54, 64.225, 144.577.

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


54, 64.225, 144.577

Protanopia

54, 41.467, 95.227

Deuteranopia

53, 35.169, 78.507



Tritanopia
54, 24.487, 212.442

Trichromacy



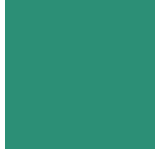
Original Color
54, 64.225, 144.577



Protanomaly
52, 46.981, 126.074



Deuteranomaly
52, 39.068, 122.612



Tritanomaly
53, 34.974, 171.640

Monochromacy



Original Color
54, 64.225, 144.577



Achromatopsia
42, 0.006, 296.813



Achromatomaly
45, 27.100, 152.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 64.225, 144.577 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(15, 149, 60)` looks like.

```
.text, #text, p{  
    color:rgb(15, 149, 60)  
}
```

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(15, 149, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 149, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 64.225, 144.577 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(15, 149, 60) }
```

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

```
.border{ border-color:rgb(15, 149, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 149, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 149, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 149, 60);  
box-shadow:4px 4px 4px 4px rgb(15, 149,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 64.225, 144.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 149, 60) }
```

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

```
.background{ background-color: rgb(15, 149,  
60) }
```

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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