

Converting Colors

CIELCh(54, 64.407, 145.726)

Have a look what the booklet for
CIELCh(54, 64.407, 145.726)
contains.

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Color

CIELCh(54, 64.126, 145.716)

Conversions

Conversions Part 1

Format	Color
Hex	01953E
RGB	1, 149, 62
RGB Percent	0%, 58%, 24%
CMY	0.9951, 0.4142, 0.7555
CMYK	0.99, 0.00, 0.58, 0.41
HSL	145°, 98%, 30%
HSV	145°, 99%, 59%
XYZ	11.7021, 21.9746, 8.2316
YIQ	94.8300, -60.2810, -58.4330

Conversions

Conversions Part 2

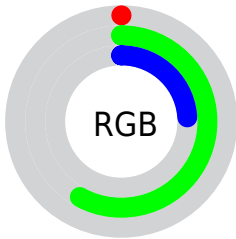
Format	Color
R_{YB}	1, 106, 149
Decimal	103742
CIE _{Lab}	54.00, -52.98, 36.12
CIE _{LCh}	54, 64.126, 145.716
Yxy	21.9746, 0.2792, 0.5243
Android (android.graphics.Color)	4278293822 (0xFF01953E)
YUV	94.8300, -16.1852, -82.2889
Hunter-Lab	46.8770, -37.4752, 22.4026

Details

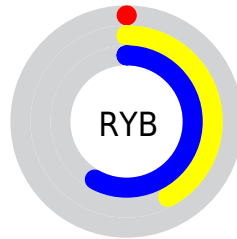
The CIELCh color **54, 64.126, 145.716** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **32, 58.402, 353.155**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 63.933, 145.693**, and **35, 56.368, 137.908** is the 20% darker color. If you saturate the color by 10%, you get **54, 64.468, 145.557**, and if you desaturate by 10%, it is **54, 59.942, 147.750**.

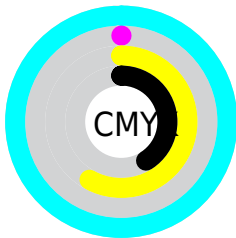
Distribution



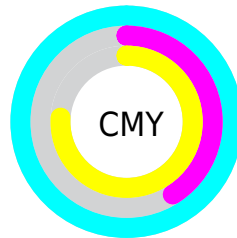
- Red (0%)
- Green (58%)
- Blue (24%)



- Red (0%)
- Yellow (42%)
- Blue (58%)



- Cyan (99%)
- Magenta (0%)
- Yellow (58%)
- Black (41%)





- Cyan (100%)
- Magenta (41%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 64.126, 145.716 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, 64.126, 145.716 by changing the saturation by 10% instead.


 54, 64.126,
145.716

 54, 64.126,
145.716


 100, 64.126,
145.716

 44, 64.126,
145.716


 74, 64.126,
145.716

 34, 64.126,
145.716

 84, 64.126,
145.716

 24, 64.126,
145.716

 94, 64.126,
145.716

 14, 64.126,
145.716

 4, 64.126, 145.716

 0, 64.126, 145.716

■ 54, 64.126,
145.716

■ 54, 64.126,
145.716

■ 54, 64.468,
145.557

■ 54, 59.942,
147.750

■ 55, 55.149,
149.712

■ 55, 49.653,
151.487

■ 56, 43.509,
153.065

■ 56, 36.816,
154.456

■ 57, 29.694,
155.678

■ 58, 22.271,
156.754

■ 59, 14.672,

157.707

■ 61, 7.002, 158.569

Harmonies

Complementary

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



54, 64.126, 145.716



32, 58.402, 353.155

Rectangle

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



54, 64.126, 145.716



54, 64.126, 195.716



54, 64.126, 325.716



54, 64.126, 15.716

Sweetspot

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



54, 64.126, 145.716



74, 28.312, 156.607



56, 70.417, 124.010



38, 19.213, 156.207



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, 64.126, 145.716



69, 78.966, 145.077



55, 36.780, 182.573



31, 4.285, 158.566



50, 60.522, 145.733



2, 3.744, 159.221

Inverse Universe

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



32, 58.402, 353.155



42, 70.673, 354.092



31, 65.515, 34.769



29, 4.321, 339.858



29, 55.204, 353.128



1, 3.745, 339.213

Previews

White Background



This preview shows how the CIELCh color 54, 64.126, 145.716 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, 64.126, 145.716 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, 64.126, 145.716

Background



This preview shows how black text looks on a background with the CIELCh color 54, 64.126, 145.716.



This preview shows how white text looks on a background with the CIELCh color 54, 64.126, 145.716.

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, 64.082, 145.679

Protanopia

54, 40.872, 95.875

Deuteranopia

54, 34.187, 77.874



Tritanopia
54, 24.900, 213.567

Trichromacy



Original Color
54, 64.082, 145.679



Protanomaly
52, 47.100, 129.182



Deuteranomaly
51, 38.983, 126.588



Tritanomaly
53, 35.532, 172.988

Monochromacy



Original Color
54, 64.082, 145.679



Achromatopsia
40, 0.006, 296.813



Achromatomaly
44, 28.638, 154.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 64.126, 145.716 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(1, 149, 62)` looks like.

```
.text, #text, p{  
    color:rgb(1, 149, 62)  
}
```

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(1, 149, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 149, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 64.126, 145.716 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(1, 149, 62) }
```

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

```
.border{ border-color:rgb(1, 149, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 149, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 149, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 149, 62);  
box-shadow:4px 4px 4px 4px rgb(1, 149, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 64.126, 145.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 149, 62) }
```

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

```
.background{ background-color: rgb(1, 149,  
62) }
```

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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