

Converting Colors

CIELCh(54, 64.633, 142.802)

Have a look what the booklet for
CIELCh(54, 64.633, 142.802)
contains.

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Color

CIELCh(54, 64.823, 142.679)

Conversions

Conversions Part 1

Format	Color
Hex	1C9538
RGB	28, 149, 56
RGB Percent	11%, 58%, 22%
CMY	0.8912, 0.4163, 0.7809
CMYK	0.81, 0.00, 0.62, 0.42
HSL	134°, 69%, 35%
HSV	134°, 81%, 58%
XYZ	11.9056, 21.9746, 7.3378
YIQ	102.2190, -42.2630, -54.5750

Conversions

Conversions Part 2

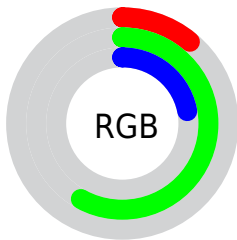
Format	Color
R _Y B	28, 126, 149
Decimal	1873208
CIE Lab	54.00, -51.55, 39.30
CIE LCh	54, 64.823, 142.679
Yxy	21.9746, 0.2888, 0.5331
Android (android.graphics.Color)	4280063288 (0xFF1C9538)
YUV	102.2190, -22.7860, -65.0901
Hunter-Lab	46.8770, -36.7001, 23.5331

Details

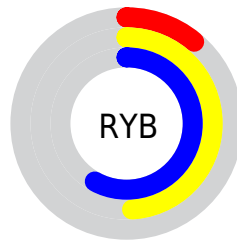
The CIELCh color **54, 64.823, 142.679** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **35, 61.413, 337.807**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 64.842, 142.633**, and **35, 58.749, 136.194** is the 20% darker color. If you saturate the color by 10%, you get **54, 69.921, 140.975**, and if you desaturate by 10%, it is **54, 58.728, 144.303**.

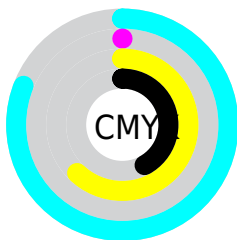
Distribution



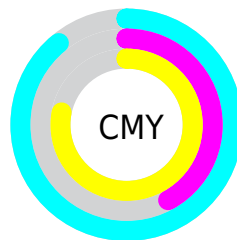
- Red (11%)
- Green (58%)
- Blue (22%)



- Red (11%)
- Yellow (49%)
- Blue (58%)



- Cyan (81%)
- Magenta (0%)
- Yellow (62%)
- Black (42%)





- Cyan (89%)
- Magenta (42%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 64.823, 142.679 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, 64.823, 142.679 by changing the saturation by 10% instead.


 54, 64.823,
142.679


 54, 64.823,
142.679


 100, 64.823,
142.679

 44, 64.823,
142.679


 74, 64.823,
142.679

 34, 64.823,
142.679

 84, 64.823,
142.679

 24, 64.823,
142.679

 94, 64.823,
142.679

 14, 64.823,
142.679

 4, 64.823, 142.679

 0, 64.823, 142.679

■ 54, 64.823,
142.679

■ 54, 64.823,
142.679

■ 54, 69.921,
140.975

■ 54, 58.728,
144.303

■ 54, 73.558,
139.614

■ 55, 51.772,
145.791

■ 56, 44.118,
147.120

■ 57, 35.941,
148.287

■ 58, 27.414,
149.304

■ 59, 18.694,
150.187

■ 60, 9.914, 150.962

■ 61, 1.181, 151.815

Harmonies

Complementary

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



54, 64.823, 142.679



35, 61.413, 337.807

Rectangle

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



54, 64.823, 142.679



54, 64.823, 192.679



54, 64.823, 322.679



54, 64.823, 12.679

Sweetspot

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



54, 64.823, 142.679



74, 26.039, 149.925



58, 60.899, 114.621



38, 17.831, 149.640



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, 64.823, 142.679



69, 89.282, 139.535



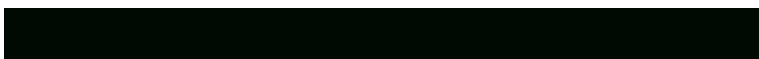
55, 41.311, 167.165



31, 4.894, 151.120



50, 69.282, 139.748



2, 4.267, 151.686

Inverse Universe

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



35, 61.413, 337.807



44, 78.441, 339.976



33, 51.857, 12.780



29, 4.912, 332.223



30, 61.370, 339.834



1, 4.268, 331.679

Previews

White Background



This preview shows how the CIE LCh color 54, 64.823, 142.679 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, 64.823, 142.679 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, 64.823, 142.679

Background



This preview shows how black text looks on a background with the CIELCh color 54, 64.823, 142.679.



This preview shows how white text looks on a background with the CIELCh color 54, 64.823, 142.679.

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, 64.823, 142.679

Protanopia

54, 43.347, 95.377

Deuteranopia

54, 37.357, 79.012



Tritanopia
54, 23.708, 214.522

Trichromacy



Original Color
54, 64.823, 142.679



Protanomaly
53, 48.129, 123.361



Deuteranomaly
52, 40.402, 118.730



Tritanomaly
54, 34.473, 169.224

Monochromacy



Original Color
54, 64.823, 142.679



Achromatopsia
43, 0.006, 296.813



Achromatomaly
46, 26.942, 148.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 64.823, 142.679 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(28, 149, 56)` looks like.

```
.text, #text, p{  
    color:rgb(28, 149, 56)  
}
```

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(28, 149, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 149, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 64.823, 142.679 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(28, 149, 56) }
```

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

```
.border{ border-color:rgb(28, 149, 56) }
```

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

Here you see how a box with a 4 pixel rgb(28, 149, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 149, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 149, 56);  
box-shadow:4px 4px 4px 4px rgb(28, 149,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 64.823, 142.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 149, 56) }
```

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

```
.background{ background-color: rgb(28, 149,  
56) }
```

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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