

Converting Colors

CIELCh(54, 47.257, 151.901)

Have a look what the booklet for
CIELCh(54, 47.257, 151.901)
contains.

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Color

CIELCh(54, 47.170, 151.955)

Conversions

Conversions Part 1

Format	Color
Hex	319259
RGB	49, 146, 89
RGB Percent	19%, 57%, 35%
CMY	0.8073, 0.4270, 0.6505
CMYK	0.66, 0.00, 0.39, 0.43
HSL	145°, 50%, 38%
HSV	145°, 66%, 57%
XYZ	13.3787, 21.9746, 13.0118
YIQ	110.4990, -39.5150, -38.2910

Conversions

Conversions Part 2

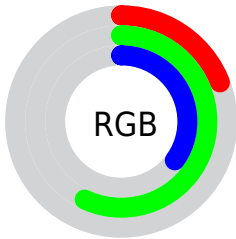
Format	Color
R_{YB}	49, 118, 146
Decimal	3248729
CIE _{Lab}	54.00, -41.63, 22.18
CIE _{LCh}	54, 47.170, 151.955
Yxy	21.9746, 0.2766, 0.4543
Android (android.graphics.Color)	4281438809 (0xFF319259)
YUV	110.4990, -10.5990, -53.9346
Hunter-Lab	46.8770, -31.0909, 16.3566

Details

The CIELCh color $54, 47.170, 151.955$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $37, 47.999, 345.934$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $74, 47.197, 152.218$, and $34, 43.705, 148.263$ is the 20% darker color. If you saturate the color by 10%, you get $54, 52.764, 150.241$, and if you desaturate by 10%, it is $55, 40.967, 153.474$.

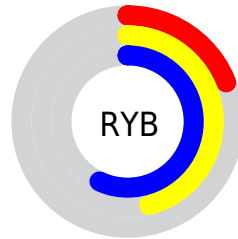
Distribution



Red (19%)

Green (57%)

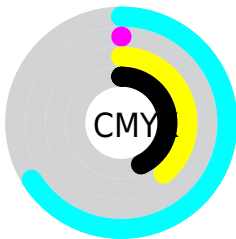
Blue (35%)



Red (19%)

Yellow (46%)

Blue (57%)

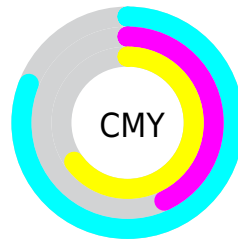


Cyan (66%)

Magenta (0%)

Yellow (39%)

Black (43%)



Cyan (81%)


Magenta (43%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 47.170, 151.955 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, 47.170, 151.955 by changing the saturation by 10% instead.


 54, 47.170,
151.955


 54, 47.170,
151.955


 100, 47.170,
151.955

 44, 47.170,
151.955


 74, 47.170,
151.955

 34, 47.170,
151.955

 84, 47.170,
151.955

 24, 47.170,
151.955

 94, 47.170,
151.955

 14, 47.170,
151.955

 4, 47.170, 151.955

 0, 47.170, 151.955

■ 54, 47.170,
151.955

■ 54, 47.170,
151.955

■ 54, 52.764,
150.241

■ 55, 40.967,
153.474

■ 53, 57.679,
148.336

■ 55, 34.257,
154.812

■ 53, 61.927,
146.290

■ 56, 27.163,
155.988

■ 53, 63.389,
145.592

■ 57, 19.810,
157.024

■ 58, 12.315,
157.945

■ 60, 4.778, 158.794

■ 61, 2.719, 339.348

■ 63, 10.113,
340.082

■ 64, 17.359,
340.689

Harmonies

Complementary

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



54, 47.170, 151.955



37, 47.999, 345.934

Rectangle

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



54, 47.170, 151.955



54, 47.170, 201.955



54, 47.170, 331.955



54, 47.170, 21.955

Sweetspot

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



54, 47.171, 151.955



73, 18.535, 157.586



56, 53.964, 122.618



38, 12.600, 157.355



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 47.171, 151.955



68, 66.932, 149.265



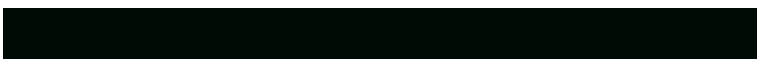
55, 30.354, 185.900



31, 4.285, 158.553



50, 60.537, 145.722



2, 3.745, 159.209

Inverse Universe

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



37, 47.999, 345.934



44, 65.749, 348.686



35, 44.664, 21.725



29, 4.321, 339.846



29, 55.210, 353.106



1, 3.746, 339.200

Previews

White Background



This preview shows how the CIELCh color 54, 47.170, 151.955 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, 47.170, 151.955 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, 47.170, 151.955

Background



This preview shows how black text looks on a background with the CIELCh color 54, 47.170, 151.955.



This preview shows how white text looks on a background with the CIELCh color 54, 47.170, 151.955.

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, 47.170, 151.955

Protanopia
54, 26.726, 95.211

Deuteranopia
54, 21.289, 70.778



Tritanopia
54, 22.386, 214.089

Trichromacy



Original Color
54, 47.170, 151.955



Protanomaly
53, 30.728, 129.487



Deuteranomaly
53, 23.290, 124.440



Tritanomaly
54, 28.015, 179.856

Monochromacy



Original Color
54, 47.170, 151.955



Achromatopsia
47, 0.006, 296.813



Achromatomaly
49, 18.703, 156.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 47.170, 151.955 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(49, 146, 89)` looks like.

```
.text, #text, p{  
    color:rgb(49, 146, 89)  
}
```

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(49, 146, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 146, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 47.170, 151.955 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(49, 146, 89) }
```

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

```
.border{ border-color:rgb(49, 146, 89) }
```

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

Here you see how a box with a 4 pixel rgb(49, 146, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 146, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 146, 89);  
box-shadow:4px 4px 4px 4px rgb(49, 146,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 47.170, 151.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 146, 89) }
```

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

```
.background{ background-color: rgb(49, 146,  
89) }
```

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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