

Converting Colors

CIELCh(54, 27.343, 127.962)

Have a look what the booklet for
CIELCh(54, 27.343, 127.962)
contains.

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Color

CIELCh(54, 27.309, 127.972)

Conversions

Conversions Part 1

Format	Color
Hex	71885B
RGB	113, 136, 91
RGB Percent	44%, 53%, 36%
CMY	0.5558, 0.4656, 0.6421
CMYK	0.17, 0.00, 0.33, 0.47
HSL	91°, 20%, 45%
HSV	91°, 33%, 53%
XYZ	17.5875, 21.9746, 13.2709
YIQ	123.9930, 0.7370, -18.8710

Conversions

Conversions Part 2

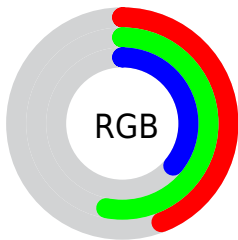
Format	Color
R_{YB}	91, 136, 114
Decimal	7440475
CIE _{Lab}	54.00, -16.80, 21.53
CIE _{LCh}	54, 27.309, 127.972
Yxy	21.9746, 0.3329, 0.4159
Android (android.graphics.Color)	4285630555 (0xFF71885B)
YUV	123.9930, -16.2655, -9.6409
Hunter-Lab	46.8770, -15.0645, 16.0289

Details

The CIELCh color $54, 27.309, 127.972$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $43, 28.531, 310.997$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 26.906, 128.311$, and $34, 27.484, 127.819$ is the 20% darker color. If you saturate the color by 10%, you get $53, 35.358, 127.514$, and if you desaturate by 10%, it is $55, 19.092, 128.444$.

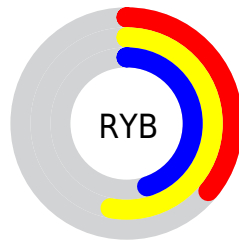
Distribution



Red (44%)

Green (53%)

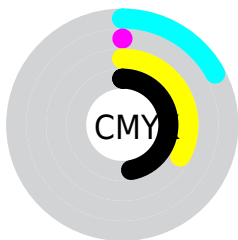
Blue (36%)



Red (36%)

Yellow (53%)

Blue (45%)

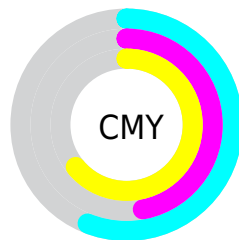


Cyan (17%)

Magenta (0%)

Yellow (33%)

Black (47%)



Cyan (56%)


Magenta (47%)


Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 27.309, 127.972 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, 27.309, 127.972 by changing the saturation by 10% instead.


 54, 27.309,
127.972


 54, 27.309,
127.972


 100, 27.309,
127.972


 44, 27.309,
127.972


 74, 27.309,
127.972

 34, 27.309,
127.972

 84, 27.309,
127.972

 24, 27.309,
127.972

 94, 27.309,
127.972

 14, 27.309,
127.972

 4, 27.309, 127.972

 0, 27.309, 127.972

■ 54, 27.309,
127.972

■ 54, 27.309,
127.972

■ 53, 35.358,
127.514

■ 55, 19.092,
128.444

■ 53, 43.099,
127.103

■ 56, 10.801,
128.906

■ 52, 50.338,
126.800

■ 57, 2.503, 129.366

■ 52, 56.807,
126.691

■ 57, 5.752, 309.714

■ 51, 62.177,
126.888

■ 59, 13.929,
310.090

■ 51, 66.140,
127.501

■ 60, 22.004,
310.425

■ 51, 68.443,
127.996

■ 61, 29.959,
310.724

■ 62, 37.783,
310.992

■ 63, 45.468,
311.231

Harmonies

Complementary

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



54, 27.309, 127.972



43, 28.531, 310.997

Rectangle

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



54, 27.309, 127.972



54, 27.309, 177.972



54, 27.309, 307.972



54, 27.309, 357.972

Sweetspot

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



54, 27.310, 127.974



71, 10.204, 129.033



49, 16.645, 71.448



37, 7.018, 128.978



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 27.310, 127.974



68, 40.560, 127.611



53, 31.649, 142.173



29, 4.712, 129.080



49, 67.071, 127.954



1, 2.189, 129.455

Inverse Universe

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



43, 28.531, 310.997



51, 42.867, 311.401



45, 31.635, 326.165



27, 4.772, 309.834



20, 76.387, 312.464



0, 2.189, 309.452

Previews

White Background



This preview shows how the CIELCh color 54, 27.309, 127.972 looks on a white background.

Color Contrast Check

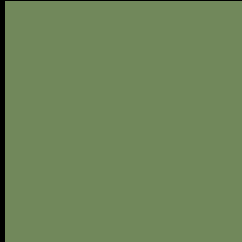
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 27.309, 127.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

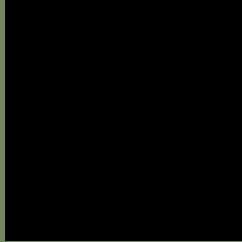
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 27.309, 127.972

Background



This preview shows how black text looks on a background with the CIELCh color 54, 27.309, 127.972.



This preview shows how white text looks on a background with the CIELCh color 54, 27.309, 127.972.

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, 27.309, 127.972

Protanopia

54, 23.775, 96.475

Deuteranopia

54, 21.289, 70.778



Tritanopia
54, 6.621, 260.047

Trichromacy



Original Color
54, 27.309, 127.972

Protanomaly
54, 24.378, 109.204

Deuteranomaly
54, 20.496, 95.268

Tritanomaly
54, 8.056, 153.032

Monochromacy



Original Color
54, 27.309, 127.972

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 9.814, 128.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 27.309, 127.972 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(113, 136, 91)` looks like.

```
.text, #text, p{  
    color:rgb(113, 136, 91)  
}
```

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(113, 136, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 136, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 27.309, 127.972 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(113, 136, 91) }
```

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

```
.border{ border-color:rgb(113, 136, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 136, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 136, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 136, 91);  
box-shadow:4px 4px 4px 4px rgb(113, 136,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 27.309, 127.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 136, 91) }
```

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

```
.background{ background-color: rgb(113,  
136, 91) }
```

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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