

Converting Colors

CIELCh(54, 14.750, 291.296)

Have a look what the booklet for
CIELCh(54, 14.750, 291.296)
contains.

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Color

CIELCh(54, 15.011, 291.997)

Conversions

Conversions Part 1

Format	Color
Hex	7F7F99
RGB	127, 127, 153
RGB Percent	50%, 50%, 60%
CMY	0.5021, 0.5021, 0.4002
CMYK	0.17, 0.17, 0.00, 0.40
HSL	240°, 11%, 55%
HSV	240°, 17%, 60%
XYZ	22.0757, 21.9746, 33.1957
YIQ	129.9640, -8.3460, 8.0860

Conversions

Conversions Part 2

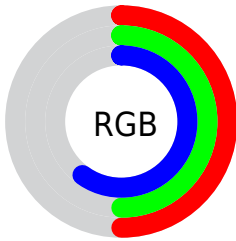
Format	Color
R_{YB}	127, 127, 153
Decimal	8355737
CIE _{Lab}	54.00, 5.62, -13.92
CIE _{LCh}	54, 15.011, 291.997
Yxy	21.9746, 0.2858, 0.2845
Android (android.graphics.Color)	4286545817 (0xFF7F7F99)
YUV	129.9640, 11.3567, -2.5994
Hunter-Lab	46.8770, 2.0257, -9.1720

Details

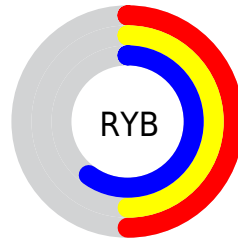
The CIELCh color $54, 15.011, 291.997$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $63, 14.451, 108.572$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 14.633, 291.564$, and $34, 15.072, 292.711$ is the 20% darker color. If you saturate the color by 10%, you get $49, 24.330, 293.320$, and if you desaturate by 10%, it is $59, 6.062, 290.871$.

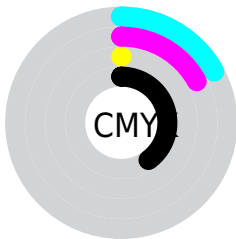
Distribution



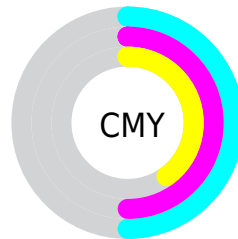
- Red (50%)
- Green (50%)
- Blue (60%)



- Red (50%)
- Yellow (50%)
- Blue (60%)



- Cyan (17%)
- Magenta (17%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 15.011, 291.997 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, 15.011, 291.997 by changing the saturation by 10% instead.

■ 54, 15.011,
291.997

■ 54, 15.011,
291.997

■ 100, 15.011,
291.997

■ 44, 15.011,
291.997

■ 74, 15.011,
291.997

■ 34, 15.011,
291.997

■ 84, 15.011,
291.997

■ 24, 15.011,
291.997

■ 94, 15.011,
291.997

■ 14, 15.011,
291.997

■ 4, 15.011, 291.997

■ 0, 15.011, 291.997

54, 15.011,
291.997

54, 15.011,
291.997

49, 24.330,
293.320

59, 6.062, 290.871

43, 34.047,
294.869

65, 2.540, 109.882

38, 44.163,
296.658

70, 10.823,
109.080

33, 54.617,
298.669

75, 18.809,
108.382

28, 65.184,
300.823

81, 26.520,
107.783

23, 75.294,
302.942

86, 33.974,
107.265

20, 83.850,
304.736


91, 41.186,
106.817

18, 89.717,

96, 48.174,
106.427

305.949

 98, 50.716,
106.298

 17, 91.367,
306.286

Harmonies

Complementary

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



54, 15.011, 291.997



63, 14.451, 108.572

Rectangle

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



54, 15.011, 291.997



54, 15.011, 341.997



54, 15.011, 111.997



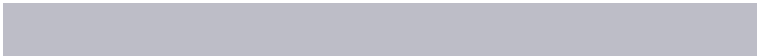
54, 15.011, 161.997

Sweetspot

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



54, 15.010, 291.995



77, 5.348, 290.680



61, 9.590, 197.104



40, 3.643, 290.744



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 15.010, 291.995



67, 22.026, 292.421



55, 15.750, 309.260



29, 4.917, 291.105



15, 85.761, 306.286



0, 5.229, 290.175

Inverse Universe

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



56, 10.654, 20.516



69, 15.732, 20.818



62, 15.385, 127.731



30, 3.439, 19.890



28, 66.110, 39.047



1, 3.595, 19.399

Previews

White Background



This preview shows how the CIE LCh color 54, 15.011, 291.997 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, 15.011, 291.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

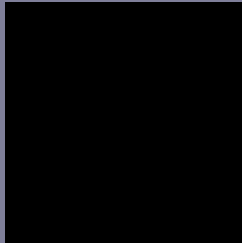
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

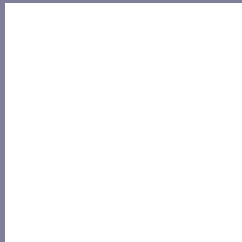
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 15.011, 291.997

Background



This preview shows how black text looks on a background with the CIELCh color 54, 15.011, 291.997.



This preview shows how white text looks on a background with the CIELCh color 54, 15.011, 291.997.

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

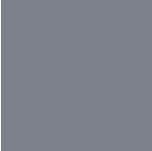
54, 15.011, 291.997

Protanopia

54, 15.033, 286.473

Deuteranopia

54, 15.695, 297.425



Tritanopia
54, 6.494, 277.430

Trichromacy



Original Color
54, 15.011, 291.997

Protanomaly
54, 15.010, 287.839

Deuteranomaly
54, 15.661, 296.087

Tritanomaly
54, 9.824, 287.010

Monochromacy



Original Color
54, 15.011, 291.997

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 5.189, 290.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 15.011, 291.997 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(127, 127, 153)` looks like.

```
.text, #text, p{  
    color:rgb(127, 127, 153)  
}
```

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(127, 127, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 127, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 15.011, 291.997 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(127, 127, 153) }
```

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

```
.border{ border-color:rgb(127, 127, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 127, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 127, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 127, 153);  
box-shadow:4px 4px 4px 4px rgb(127, 127,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 15.011, 291.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 127, 153) }
```

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

```
.background{ background-color: rgb(127,  
127, 153) }
```

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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