

Converting Colors

CIELCh(54, 16.117, 277.217)

Have a look what the booklet for
CIELCh(54, 16.117, 277.217)
contains.

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Color

CIELCh(54, 16.014, 276.682)

Conversions

Conversions Part 1

Format	Color
Hex	75819C
RGB	117, 129, 156
RGB Percent	46%, 51%, 61%
CMY	0.5402, 0.4931, 0.3872
CMYK	0.25, 0.17, 0.00, 0.39
HSL	222°, 16%, 54%
HSV	222°, 25%, 61%
XYZ	21.2755, 21.9746, 34.6875
YIQ	128.4900, -15.8190, 5.8530

Conversions

Conversions Part 2

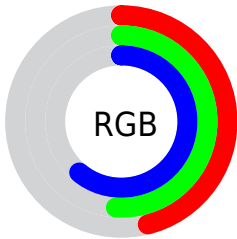
Format	Color
R_{YB}	117, 126, 156
Decimal	7700892
CIE _{Lab}	54.00, 1.86, -15.91
CIE _{LCh}	54, 16.014, 276.682
Yxy	21.9746, 0.2730, 0.2820
Android (android.graphics.Color)	4285890972 (0xFF75819C)
YUV	128.4900, 13.5624, -10.0767
Hunter-Lab	46.8770, -1.0211, -11.0588

Details

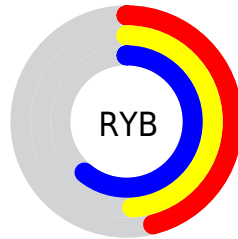
The CIELCh color $54, 16.014, 276.682$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $60, 15.982, 90.048$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 16.123, 276.934$, and $34, 16.116, 277.070$ is the 20% darker color. If you saturate the color by 10%, you get $50, 22.642, 278.519$, and if you desaturate by 10%, it is $58, 9.512, 275.106$.

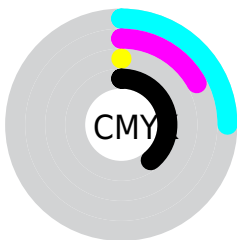
Distribution



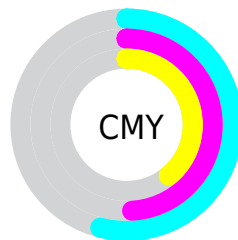
- Red (46%)
- Green (51%)
- Blue (61%)



- Red (46%)
- Yellow (49%)
- Blue (61%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (54%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 16.014, 276.682 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, 16.014, 276.682 by changing the saturation by 10% instead.

■ 54, 16.014,
276.682

■ 54, 16.014,
276.682

■ 100, 16.014,
276.682

■ 44, 16.014,
276.682

■ 74, 16.014,
276.682

■ 34, 16.014,
276.682

■ 84, 16.014,
276.682

■ 24, 16.014,
276.682

■ 94, 16.014,
276.682

■ 14, 16.014,
276.682

■ 4, 16.014, 276.682

■ 0, 16.014, 276.682

■ 54, 16.014,
276.682

■ 54, 16.014,
276.682

■ 50, 22.642,
278.519

■ 58, 9.512, 275.106

■ 46, 29.412,
280.663

■ 62, 3.131, 273.786

■ 67, 3.133, 92.493

■ 42, 36.345,
283.143

■ 71, 9.283, 91.512

■ 38, 43.465,
285.972

■ 75, 15.319, 90.630

■ 79, 21.242, 89.850

■ 34, 50.792,
289.123

■ 83, 27.054, 89.159

■ 30, 58.303,
292.504

■ 87, 32.754, 88.543

■ 91, 37.949, 89.653

■ 27, 65.875,
295.941

■ 25, 69.656,

297.515

Harmonies

Complementary

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



54, 16.014, 276.682



60, 15.982, 90.048

Rectangle

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



54, 16.014, 276.682



54, 16.014, 326.682



54, 16.014, 96.682



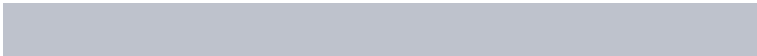
54, 16.014, 146.682

Sweetspot

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



54, 16.013, 276.680



78, 5.494, 274.047



61, 16.173, 172.466



41, 3.563, 274.113



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



54, 16.013, 276.680



66, 24.038, 277.680



51, 22.962, 299.362



31, 3.611, 274.317



23, 64.689, 297.236



1, 4.772, 274.307

Inverse Universe

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



53, 17.229, 357.995



66, 25.934, 358.727



63, 21.756, 115.630



31, 3.830, 356.227



29, 56.389, 19.126



1, 4.882, 356.528

Previews

White Background



This preview shows how the CIELCh color 54, 16.014, 276.682 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, 16.014, 276.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

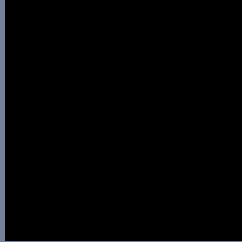
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

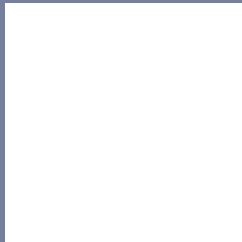
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 16.014, 276.682

Background



This preview shows how black text looks on a background with the CIELCh color 54, 16.014, 276.682.



This preview shows how white text looks on a background with the CIELCh color 54, 16.014, 276.682.

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

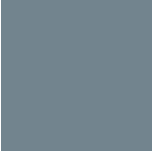
54, 16.014, 276.682

Protanopia

54, 15.634, 285.460

Deuteranopia

54, 17.922, 293.492



Tritanopia
54, 8.670, 240.769

Trichromacy



Original Color
54, 16.014, 276.682

Protanomaly
54, 15.714, 282.889

Deuteranomaly
54, 17.345, 287.556

Tritanomaly
54, 10.754, 258.501

Monochromacy



Original Color
54, 16.014, 276.682

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 5.937, 276.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 16.014, 276.682 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(117, 129, 156)` looks like.

```
.text, #text, p{  
    color:rgb(117, 129, 156)  
}
```

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(117, 129, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 129, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 16.014, 276.682 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(117, 129, 156) }
```

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

```
.border{ border-color:rgb(117, 129, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 129, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 129, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 129, 156);  
box-shadow:4px 4px 4px 4px rgb(117, 129,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 16.014, 276.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 129, 156) }
```

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

```
.background{ background-color: rgb(117,  
129, 156) }
```

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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