

Converting Colors

CIELCh(54, 17.860, 287.205)

Have a look what the booklet for
CIELCh(54, 17.860, 287.205)
contains.

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Color

CIELCh(54, 17.918, 287.790)

Conversions

Conversions Part 1

Format	Color
Hex	7B7F9E
RGB	123, 127, 158
RGB Percent	48%, 50%, 62%
CMY	0.5164, 0.5007, 0.3791
CMYK	0.22, 0.20, 0.00, 0.38
HSL	233°, 15%, 55%
HSV	233°, 22%, 62%
XYZ	22.0438, 21.9746, 35.5757
YIQ	129.3380, -12.3350, 8.7930

Conversions

Conversions Part 2

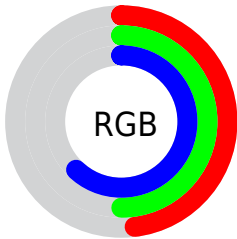
Format	Color
R_{YB}	123, 127, 158
Decimal	8093598
CIE Lab	54.00, 5.47, -17.06
CIE LCh	54, 17.918, 287.790
Yxy	21.9746, 0.2770, 0.2761
Android (android.graphics.Color)	4286283678 (0xFF7B7F9E)
YUV	129.3380, 14.1304, -5.5584
Hunter-Lab	46.8770, 1.9043, -12.1821

Details

The CIELCh color $54, 17.918, 287.790$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $63, 17.262, 102.787$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 17.906, 287.478$, and $34, 18.225, 288.605$ is the 20% darker color. If you saturate the color by 10%, you get $49, 26.492, 289.336$, and if you desaturate by 10%, it is $59, 9.648, 286.467$.

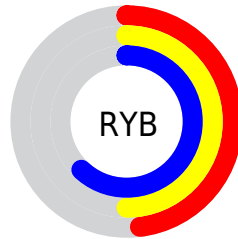
Distribution



Red (48%)

Green (50%)

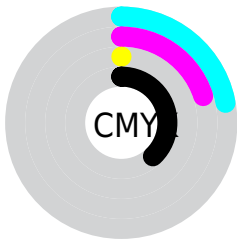
Blue (62%)



Red (48%)

Yellow (50%)

Blue (62%)

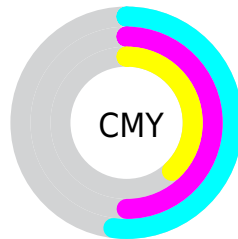


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (38%)



Cyan (52%)


Magenta (50%)


Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 17.918, 287.790 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, 17.918, 287.790 by changing the saturation by 10% instead.


 54, 17.918,
287.790


 54, 17.918,
287.790


 100, 17.918,
287.790


 44, 17.918,
287.790


 74, 17.918,
287.790

 34, 17.918,
287.790

 84, 17.918,
287.790

 24, 17.918,
287.790

 94, 17.918,
287.790

 14, 17.918,
287.790

 4, 17.918, 287.790

 0, 17.918, 287.790

■ 54, 17.918,
287.790

■ 54, 17.918,
287.790

■ 49, 26.492,
289.336

■ 59, 9.648, 286.467

■ 44, 35.398,
291.140

■ 64, 1.661, 285.380

■ 39, 44.650,
293.217

■ 69, 6.065, 104.334

■ 34, 54.225,
295.557

■ 74, 13.547,
103.503

■ 29, 63.995,
298.093

■ 79, 20.800,
102.778

■ 25, 73.595,
300.668

■ 84, 27.838,
102.145


■ 22, 82.280,
303.030

■ 89, 34.673,
101.591

■ 20, 87.833,

■ 94, 41.314,
101.103

304.473

 98, 47.506,
105.833

Harmonies

Complementary

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



54, 17.918, 287.790



63, 17.262, 102.787

Rectangle

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



54, 17.918, 287.790



54, 17.918, 337.790



54, 17.918, 107.790



54, 17.918, 157.790

Sweetspot

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



54, 17.917, 287.788



79, 6.869, 285.888



63, 13.014, 188.089



41, 4.503, 285.948



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



54, 17.917, 287.788



66, 27.429, 288.596



54, 20.893, 306.097



31, 4.478, 286.127



17, 80.966, 304.305



1, 5.814, 285.398

Inverse Universe

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



55, 14.536, 12.055



68, 22.390, 12.723



63, 20.129, 123.785



31, 3.569, 10.694



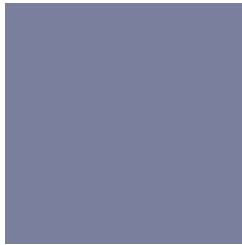
29, 63.113, 34.053



1, 4.537, 10.470

Previews

White Background



This preview shows how the CIELCh color 54, 17.918, 287.790 looks on a white background.

Color Contrast Check

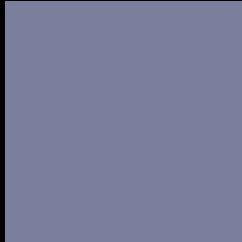
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.918, 287.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

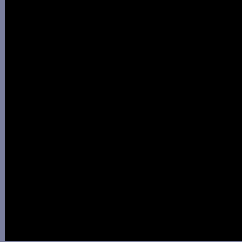
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

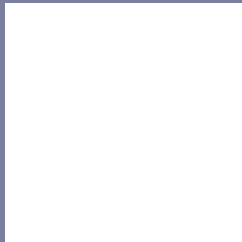
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 17.918, 287.790

Background



This preview shows how black text looks on a background with the CIELCh color 54, 17.918, 287.790.



This preview shows how white text looks on a background with the CIELCh color 54, 17.918, 287.790.

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

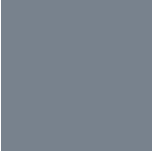
54, 17.918, 287.790

Protanopia

54, 17.947, 285.540

Deuteranopia

54, 19.073, 293.548



Tritanopia
54, 7.289, 259.978

Trichromacy



Original Color
54, 17.918, 287.790

Protanomaly
54, 17.947, 285.540

Deuteranomaly
54, 19.064, 292.479

Tritanomaly
54, 10.720, 275.493

Monochromacy



Original Color
54, 17.918, 287.790

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 6.347, 287.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 17.918, 287.790 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(123, 127, 158)` looks like.

```
.text, #text, p{  
    color:rgb(123, 127, 158)  
}
```

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(123, 127, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 127, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 17.918, 287.790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

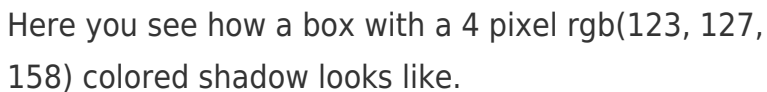
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(123, 127, 158) }
```

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

```
.border{ border-color:rgb(123, 127, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(123, 127, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 127, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 127, 158); box-shadow:4px 4px 4px 4px rgb(123, 127, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 17.918, 287.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 127, 158) }
```

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

```
.background{ background-color: rgb(123,  
127, 158) }
```

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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