

Converting Colors

CIELCh(54, 17.366, 266.255)

Have a look what the booklet for
CIELCh(54, 17.366, 266.255)
contains.

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Color

CIELCh(54, 17.557, 266.577)

Conversions

Conversions Part 1

Format	Color
Hex	6D839F
RGB	109, 131, 159
RGB Percent	43%, 51%, 62%
CMY	0.5727, 0.4864, 0.3766
CMYK	0.31, 0.18, 0.00, 0.38
HSL	214°, 21%, 53%
HSV	214°, 31%, 62%
XYZ	20.6692, 21.9746, 35.9367
YIQ	127.6140, -22.1000, 4.0440

Conversions

Conversions Part 2

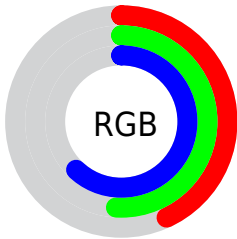
Format	Color
R _Y B	109, 124, 159
Decimal	7177119
CIE Lab	54.00, -1.05, -17.53
CIE LCh	54, 17.557, 266.577
Yxy	21.9746, 0.2630, 0.2796
Android (android.graphics.Color)	4285367199 (0xFF6D839F)
YUV	127.6140, 15.4733, -16.3245
Hunter-Lab	46.8770, -3.3298, -12.6388

Details

The CIELCh color $54, 17.557, 266.577$ is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be $58, 18.533, 77.613$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 17.609, 266.962$, and $34, 17.768, 266.312$ is the 20% darker color. If you saturate the color by 10%, you get $50, 23.114, 268.743$, and if you desaturate by 10%, it is $58, 11.982, 264.735$.

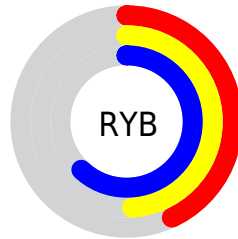
Distribution



Red (43%)

Green (51%)

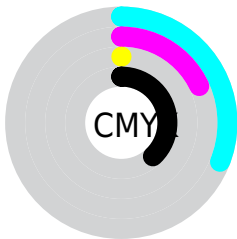
Blue (62%)



Red (43%)

Yellow (49%)

Blue (62%)

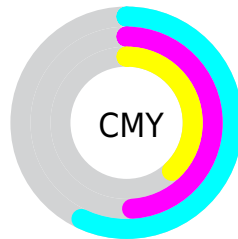


Cyan (31%)

Magenta (18%)

Yellow (0%)

Black (38%)



Cyan (57%)


Magenta (49%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 17.557, 266.577 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, 17.557, 266.577 by changing the saturation by 10% instead.


 54, 17.557,
266.577


 54, 17.557,
266.577


 100, 17.557,
266.577


 44, 17.557,
266.577


 74, 17.557,
266.577

 34, 17.557,
266.577

 84, 17.557,
266.577

 24, 17.557,
266.577

 94, 17.557,
266.577

 14, 17.557,
266.577

 4, 17.557, 266.577

 0, 17.557, 266.577

■ 54, 17.557,
266.577

■ 54, 17.557,
266.577

■ 50, 23.114,
268.743

■ 58, 11.982,
264.735

■ 47, 28.657,
271.288

■ 61, 6.398, 263.183

■ 65, 0.816, 262.129

■ 43, 34.201,
274.249

■ 69, 4.752, 80.587

■ 40, 39.778,
277.639

■ 72, 10.295, 79.620

■ 37, 45.441,
281.421

■ 76, 15.802, 78.761

■ 80, 21.264, 78.004

■ 34, 51.239,
285.485

■ 83, 26.675, 77.334

■ 32, 56.342,
288.895

■ 87, 32.029, 76.738

Harmonies

Complementary

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



54, 17.557, 266.577



58, 18.533, 77.613

Rectangle

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



54, 17.557, 266.577



54, 17.557, 316.577



54, 17.557, 86.577



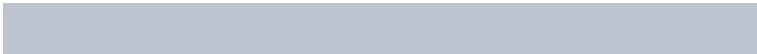
54, 17.557, 136.577

Sweetspot

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



54, 17.556, 266.575



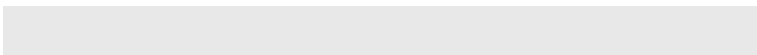
79, 6.224, 262.869



62, 22.643, 163.481



41, 4.359, 263.057



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, 17.556, 266.575



66, 26.235, 268.116



48, 29.549, 295.619



32, 3.145, 262.878



28, 51.591, 288.478



2, 4.203, 263.813

Inverse Universe

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



52, 23.638, 350.096



63, 35.415, 351.018



64, 27.416, 109.408



31, 4.135, 347.758



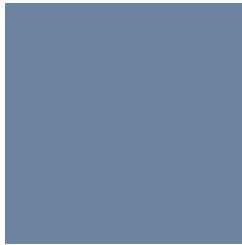
30, 54.822, 6.673



1, 5.263, 348.355

Previews

White Background



This preview shows how the CIELCh color 54, 17.557, 266.577 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, 17.557, 266.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

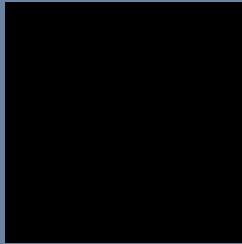
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

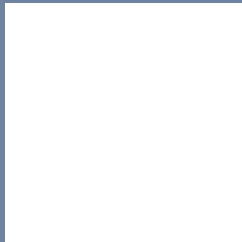
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 17.557, 266.577

Background



This preview shows how black text looks on a background with the CIELCh color 54, 17.557, 266.577.

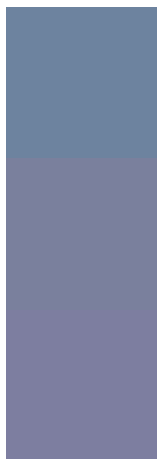


This preview shows how white text looks on a background with the CIELCh color 54, 17.557, 266.577.

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, 17.557, 266.577

Protanopia

54, 16.808, 284.892

Deuteranopia

54, 19.637, 291.515



Tritanopia
54, 11.445, 228.965

Trichromacy



Original Color
54, 17.557, 266.577

Protanomaly
54, 17.117, 277.933

Deuteranomaly
54, 18.637, 282.668

Tritanomaly
54, 12.803, 245.122

Monochromacy



Original Color
54, 17.557, 266.577

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 6.456, 262.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 17.557, 266.577 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(109, 131, 159)` looks like.

```
.text, #text, p{  
    color:rgb(109, 131, 159)  
}
```

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(109, 131, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 131, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 17.557, 266.577 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(109, 131, 159) }
```

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

```
.border{ border-color:rgb(109, 131, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 131, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 131, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 131, 159);  
box-shadow:4px 4px 4px 4px rgb(109, 131,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 17.557, 266.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 131, 159) }
```

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

```
.background{ background-color: rgb(109,  
131, 159) }
```

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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