

Converting Colors

CIELCh(54, 22.327, 311.321)

Have a look what the booklet for
CIELCh(54, 22.327, 311.321)
contains.

CIELCh(54, 22.025, 311.054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 22.025, 311.054)

Conversions

Conversions Part 1

Format	Color
Hex	8D7A9E
RGB	141, 122, 158
RGB Percent	55%, 48%, 62%
CMY	0.4479, 0.5224, 0.3812
CMYK	0.11, 0.23, 0.00, 0.38
HSL	272°, 16%, 55%
HSV	272°, 23%, 62%
XYZ	24.0365, 21.9746, 35.2263
YIQ	131.7850, -0.2320, 15.2240

Conversions

Conversions Part 2

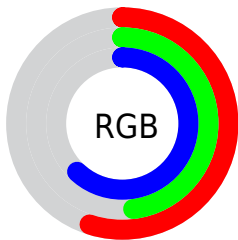
Format	Color
R _Y B	141, 122, 158
Decimal	9271966
CIE _{Lab}	54.00, 14.47, -16.61
CIE _{LCh}	54, 22.025, 311.054
Yxy	21.9746, 0.2959, 0.2705
Android (android.graphics.Color)	4287462046 (0xFF8D7A9E)
YUV	131.7850, 12.9240, 8.0816
Hunter-Lab	46.8770, 9.4921, -11.7403

Details

The CIELCh color $54, 22.025, 311.054$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $63, 21.401, 129.026$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 22.505, 311.216$, and $34, 22.415, 310.525$ is the 20% darker color. If you saturate the color by 10%, you get $49, 32.031, 311.553$, and if you desaturate by 10%, it is $59, 12.211, 310.577$.

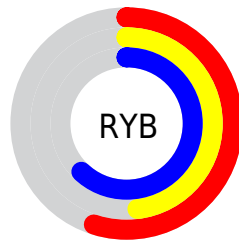
Distribution



Red (55%)

Green (48%)

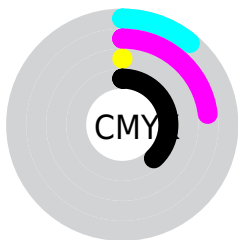
Blue (62%)



Red (55%)

Yellow (48%)

Blue (62%)

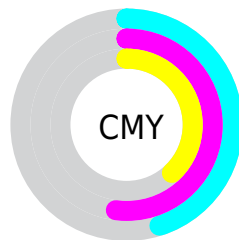


Cyan (11%)

Magenta (23%)

Yellow (0%)

Black (38%)



Cyan (45%)


Magenta (52%)


Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 22.025, 311.054 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, 22.025, 311.054 by changing the saturation by 10% instead.


 54, 22.025,
311.054

 54, 22.025,
311.054


 100, 22.025,
311.054

 44, 22.025,
311.054


 74, 22.025,
311.054

 34, 22.025,
311.054

 84, 22.025,
311.054

 24, 22.025,
311.054

 94, 22.025,
311.054

 14, 22.025,
311.054

 4, 22.025, 311.054

 0, 22.025, 311.054

54, 22.025,
311.054

54, 22.025,
311.054

49, 32.031,
311.553

59, 12.211,
310.577

45, 42.134,
312.059

64, 2.646, 310.107

69, 6.648, 129.765

40, 52.156,
312.542

73, 15.663,
129.397

36, 61.807,
312.955

78, 24.404,
129.076

32, 70.650,
313.231

83, 32.878,
128.793

29, 78.099,
313.279


88, 41.099,
128.544

26, 83.525,
312.996

93, 49.077,
128.328

25, 86.547,

312.683

 95, 51.939,
126.721

Harmonies

Complementary

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



54, 22.025, 311.054



63, 21.401, 129.026

Rectangle

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



54, 22.025, 311.054



54, 22.025, 1.054



54, 22.025, 131.054



54, 22.025, 181.054

Sweetspot

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



54, 22.023, 311.053



78, 8.166, 310.317



57, 12.119, 260.512



40, 5.297, 310.341



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, 22.023, 311.053



66, 32.315, 311.286



56, 24.415, 326.109



31, 5.374, 310.413



22, 80.384, 312.780



1, 6.908, 309.084

Inverse Universe

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



55, 17.257, 347.207



68, 25.268, 347.705



62, 24.400, 143.422



31, 4.222, 345.896



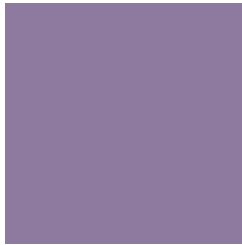
30, 54.911, 3.623



1, 5.371, 346.551

Previews

White Background



This preview shows how the CIELCh color 54, 22.025, 311.054 looks on a white background.

Color Contrast Check

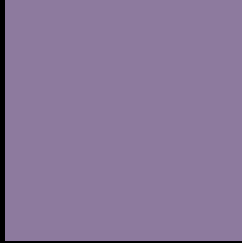
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.025, 311.054 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, 22.025, 311.054

Background



This preview shows how black text looks on a background with the CIELCh color 54, 22.025, 311.054.



This preview shows how white text looks on a background with the CIELCh color 54, 22.025, 311.054.

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

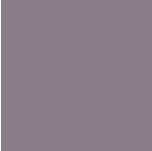
54, 22.025, 311.054

Protanopia

54, 19.688, 285.400

Deuteranopia

54, 17.937, 294.641



Tritanopia
54, 7.240, 327.414

Trichromacy



Original Color
54, 22.025, 311.054

Protanomaly
54, 19.662, 294.616

Deuteranomaly
54, 19.420, 302.157

Tritanomaly
54, 12.797, 316.290

Monochromacy



Original Color
54, 22.025, 311.054

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 7.997, 310.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 22.025, 311.054 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(141, 122, 158)` looks like.

```
.text, #text, p{  
    color:rgb(141, 122, 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(141, 122, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 122, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 22.025, 311.054 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(141, 122, 158) }
```

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

```
.border{ border-color:rgb(141, 122, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 122, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 122, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 122, 158);  
box-shadow:4px 4px 4px 4px rgb(141, 122,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 22.025, 311.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 122, 158) }
```

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

```
.background{ background-color: rgb(141,  
122, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor