

Converting Colors

CIELCh(54, 22.658, 313.203)

Have a look what the booklet for
CIELCh(54, 22.658, 313.203)
contains.

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Color

CIELCh(54, 22.947, 313.301)

Conversions

Conversions Part 1

Format	Color
Hex	8F799E
RGB	143, 121, 158
RGB Percent	56%, 47%, 62%
CMY	0.4393, 0.5256, 0.3805
CMYK	0.09, 0.23, 0.00, 0.38
HSL	276°, 16%, 55%
HSV	276°, 23%, 62%
XYZ	24.3278, 21.9746, 35.2965
YIQ	131.7960, 1.2350, 16.1710

Conversions

Conversions Part 2

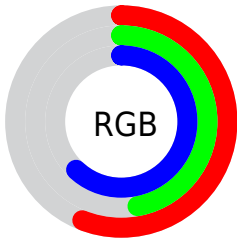
Format	Color
RYB	143, 121, 158
Decimal	9402782
CIELab	54.00, 15.74, -16.70
CIElCh	54, 22.947, 313.301
Yxy	21.9746, 0.2981, 0.2693
Android (android.graphics.Color)	4287592862 (0xFF8F799E)
YUV	131.7960, 12.9186, 9.8259
Hunter-Lab	46.8770, 10.6015, -11.8290

Details

The CIELCh color $54, 22.947, 313.301$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $63, 22.387, 131.284$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 23.389, 313.287$, and $34, 23.367, 312.917$ is the 20% darker color. If you saturate the color by 10%, you get $49, 33.038, 313.760$, and if you desaturate by 10%, it is $59, 13.001, 312.851$.

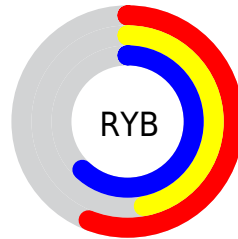
Distribution



Red (56%)

Green (47%)

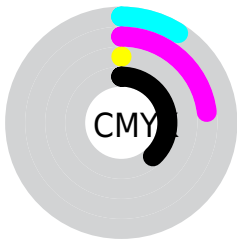
Blue (62%)



Red (56%)

Yellow (47%)

Blue (62%)

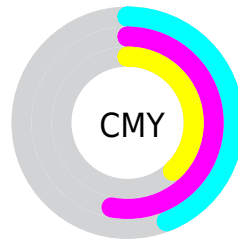


Cyan (9%)

Magenta (23%)

Yellow (0%)

Black (38%)



Cyan (44%)


Magenta (53%)


Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 22.947, 313.301 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, 22.947, 313.301 by changing the saturation by 10% instead.


 54, 22.947,
313.301


 54, 22.947,
313.301


 100, 22.947,
313.301


 44, 22.947,
313.301


 74, 22.947,
313.301

 34, 22.947,
313.301

 84, 22.947,
313.301

 24, 22.947,
313.301

 94, 22.947,
313.301

 14, 22.947,
313.301

 4, 22.947, 313.301

 0, 22.947, 313.301

54, 22.947,
313.301

54, 22.947,
313.301

49, 33.038,
313.760

59, 13.001,
312.851

45, 43.154,
314.211

63, 3.276, 312.403

68, 6.195, 132.072

41, 53.089,
314.624

73, 15.395,
131.705

37, 62.524,
314.951

78, 24.324,
131.382

33, 71.009,
315.130

83, 32.987,
131.094

30, 77.979,
315.079


87, 41.392,
130.839

28, 82.888,
314.714

92, 49.552,
130.615

26, 85.414,

314.392

 94, 52.902,
129.374

Harmonies

Complementary

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



54, 22.947, 313.301



63, 22.387, 131.284

Rectangle

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



54, 22.947, 313.301



54, 22.947, 3.301



54, 22.947, 133.301



54, 22.947, 183.301

Sweetspot

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



54, 22.945, 313.301



79, 8.374, 312.575



56, 13.347, 267.319



42, 5.488, 312.599



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, 22.945, 313.301



66, 34.297, 313.536



55, 23.982, 328.082



31, 5.454, 312.668



23, 79.273, 314.486



1, 7.009, 311.268

Inverse Universe

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



55, 17.072, 351.318



68, 25.519, 351.913



62, 23.952, 145.226



31, 4.047, 349.845



30, 54.932, 9.971



1, 5.154, 350.373

Previews

White Background



This preview shows how the CIELCh color 54, 22.947, 313.301 looks on a white background.

Color Contrast Check

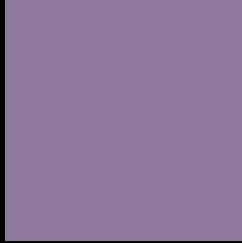
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.947, 313.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

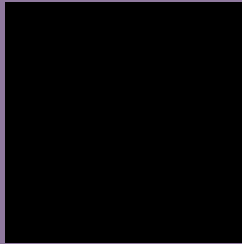
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 22.947, 313.301

Background



This preview shows how black text looks on a background with the CIELCh color 54, 22.947, 313.301.



This preview shows how white text looks on a background with the CIELCh color 54, 22.947, 313.301.

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, 22.947, 313.301

Protanopia

54, 20.257, 285.692

Deuteranopia

54, 17.937, 294.641



Tritanopia
54, 8.017, 334.340

Trichromacy



Original Color
54, 22.947, 313.301

Protanomaly
54, 20.883, 296.583

Deuteranomaly
54, 19.420, 302.157

Tritanomaly
54, 12.637, 320.632

Monochromacy



Original Color
54, 22.947, 313.301

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 8.138, 313.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 22.947, 313.301 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(143, 121, 158)` looks like.

```
.text, #text, p{  
    color:rgb(143, 121, 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(143, 121, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 121, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 22.947, 313.301 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(143, 121, 158) }
```

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

```
.border{ border-color:rgb(143, 121, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 121, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 121, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 121, 158); box-shadow:4px 4px 4px 4px rgb(143, 121, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 22.947, 313.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 121, 158) }
```

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

```
.background{ background-color: rgb(143,  
121, 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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