

Converting Colors

CIELCh(54, 21.447, 314.646)

Have a look what the booklet for
CIELCh(54, 21.447, 314.646)
contains.

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Color

CIELCh(54, 21.364, 314.944)

Conversions

Conversions Part 1

Format	Color
Hex	8F799B
RGB	143, 121, 155
RGB Percent	56%, 47%, 61%
CMY	0.4382, 0.5245, 0.3911
CMYK	0.08, 0.22, 0.00, 0.39
HSL	279°, 15%, 54%
HSV	279°, 22%, 61%
XYZ	24.1796, 21.9746, 34.0938
YIQ	131.4540, 2.1980, 15.2380

Conversions

Conversions Part 2

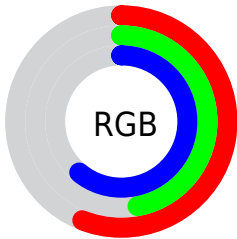
Format	Color
R_{YB}	143, 121, 155
Decimal	9402779
CIE _{Lab}	54.00, 15.09, -15.12
CIE _{LCh}	54, 21.364, 314.944
Y _{xy}	21.9746, 0.3013, 0.2738
Android (android.graphics.Color)	4287592859 (0xFF8F799B)
YUV	131.4540, 11.6082, 10.1258
Hunter-Lab	46.8770, 10.0373, -10.3079

Details

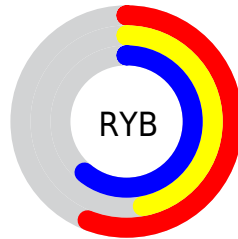
The CIELCh color $54, 21.364, 314.944$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $62, 20.950, 133.082$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 21.407, 315.388$, and $34, 21.647, 314.568$ is the 20% darker color. If you saturate the color by 10%, you get $50, 31.361, 315.382$, and if you desaturate by 10%, it is $59, 11.491, 314.509$.

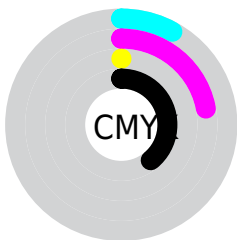
Distribution



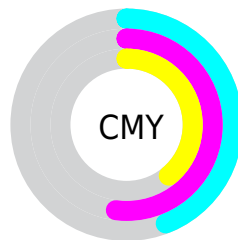
- Red (56%)
- Green (47%)
- Blue (61%)



- Red (56%)
- Yellow (47%)
- Blue (61%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)
- Black (39%)





- Cyan (44%)
- Magenta (52%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 21.364, 314.944 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, 21.364, 314.944 by changing the saturation by 10% instead.


 54, 21.364,
314.944

 54, 21.364,
314.944


 100, 21.364,
314.944

 44, 21.364,
314.944


 74, 21.364,
314.944

 34, 21.364,
314.944

 84, 21.364,
314.944

 24, 21.364,
314.944

 94, 21.364,
314.944

 14, 21.364,
314.944

 4, 21.364, 314.944

 0, 21.364, 314.944

54, 21.364,
314.944

54, 21.364,
314.944

50, 31.361,
315.382

59, 11.491,
314.509

45, 41.359,
315.808

63, 1.822, 314.036

41, 51.151,
316.193

68, 7.604, 133.747

37, 60.427,
316.495

73, 16.769,
133.385

34, 68.761,
316.658

77, 25.668,
133.061

31, 75.633,
316.613

82, 34.305,
132.771

29, 80.541,
316.287

86, 42.689,
132.511

27, 83.438,

91, 50.829,
132.280

315.886

 94, 55.365,
131.479

Harmonies

Complementary

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



54, 21.364, 314.944



62, 20.950, 133.082

Rectangle

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



54, 21.364, 314.944



54, 21.364, 4.944



54, 21.364, 134.944



54, 21.364, 184.944

Sweetspot

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



54, 21.362, 314.944



77, 8.310, 314.303



56, 13.013, 271.506



41, 5.446, 314.326



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, 21.362, 314.944



66, 31.476, 315.146



55, 21.364, 329.575



30, 5.374, 314.393



24, 77.416, 315.977



1, 5.736, 313.679

Inverse Universe

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



54, 15.287, 354.541



67, 22.571, 355.088



61, 21.316, 146.848



30, 3.819, 353.179



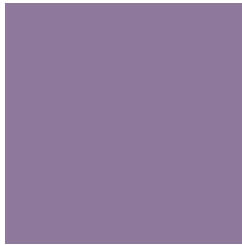
29, 54.768, 14.846



1, 4.049, 352.783

Previews

White Background



This preview shows how the CIELCh color 54, 21.364, 314.944 looks on a white background.

Color Contrast Check

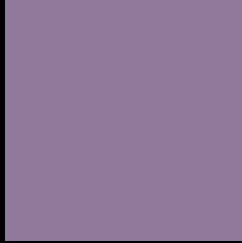
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.364, 314.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

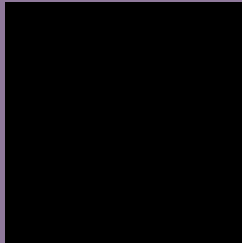
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 21.364, 314.944

Background



This preview shows how black text looks on a background with the CIELCh color 54, 21.364, 314.944.



This preview shows how white text looks on a background with the CIELCh color 54, 21.364, 314.944.

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, 21.364, 314.944

Protanopia

54, 18.517, 285.839

Deuteranopia

54, 16.236, 295.998



Tritanopia
54, 8.296, 336.368

Trichromacy



Original Color
54, 21.364, 314.944

Protanomaly
54, 18.562, 296.851

Deuteranomaly
54, 17.796, 304.182

Tritanomaly
54, 12.346, 323.561

Monochromacy



Original Color
54, 21.364, 314.944

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 7.611, 314.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 21.364, 314.944 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(143, 121, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 121, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 21.364, 314.944 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, 155) }
```

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

```
.border{ border-color:rgb(143, 121, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 121, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 121, 155); box-shadow:4px 4px 4px 4px rgb(143, 121, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 21.364, 314.944 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, 155) }
```

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

```
.background{ background-color: rgb(143,  
121, 155) }
```

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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