

Converting Colors

CIELCh(54, 24.619, 343.574)

Have a look what the booklet for
CIELCh(54, 24.619, 343.574)
contains.

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Color

CIELCh(54, 24.590, 343.557)

Conversions

Conversions Part 1

Format	Color
Hex	A4738E
RGB	164, 115, 142
RGB Percent	64%, 45%, 56%
CMY	0.3584, 0.5504, 0.4446
CMYK	0.00, 0.30, 0.13, 0.36
HSL	327°, 21%, 55%
HSV	327°, 30%, 64%
XYZ	26.1767, 21.9746, 28.3096
YIQ	132.7290, 20.5370, 18.7850

Conversions

Conversions Part 2

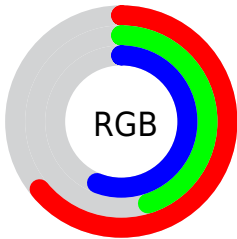
Format	Color
RYB	164, 115, 142
Decimal	10777486
CIELab	54.00, 23.58, -6.96
CIELCh	54, 24.590, 343.557
Yxy	21.9746, 0.3424, 0.2874
Android (android.graphics.Color)	4288967566 (0xFFA4738E)
YUV	132.7290, 4.5706, 27.4247
Hunter-Lab	46.8770, 17.6417, -2.9920

Details

The CIELCh color $54, 24.590, 343.557$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $63, 23.918, 158.368$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 25.074, 343.244$, and $34, 24.606, 343.087$ is the 20% darker color. If you saturate the color by 10%, you get $50, 32.745, 344.622$, and if you desaturate by 10%, it is $58, 16.297, 342.607$.

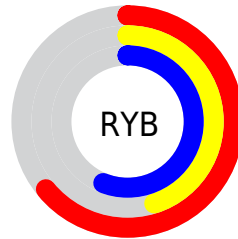
Distribution



Red (64%)

Green (45%)

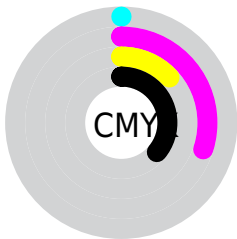
Blue (56%)



Red (64%)

Yellow (45%)

Blue (56%)

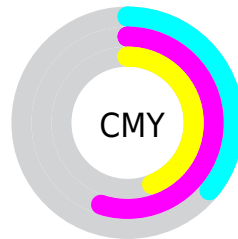


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (36%)



Cyan (36%)


Magenta (55%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 24.590, 343.557 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, 24.590, 343.557 by changing the saturation by 10% instead.


 54, 24.590,
343.557


 54, 24.590,
343.557


 100, 24.590,
343.557

 44, 24.590,
343.557


 74, 24.590,
343.557

 34, 24.590,
343.557

 84, 24.590,
343.557

 24, 24.590,
343.557

 94, 24.590,
343.557

 14, 24.590,
343.557

 4, 24.590, 343.557

 0, 24.590, 343.557

54, 24.590,
343.557

54, 24.590,
343.557

50, 32.745,
344.622

58, 16.297,
342.607

46, 40.512,
345.837

63, 8.048, 341.732

43, 47.547,
347.259

67, 0.050, 167.649

72, 7.933, 160.320

40, 53.447,
348.967

77, 15.570,
159.636

38, 57.820,
351.068

81, 22.953,
159.014

36, 60.413,
353.698


86, 30.083,
158.438

35, 61.619,
356.846

91, 36.972,
157.901

35, 61.627,

356.868

 93, 39.744,
159.278

Harmonies

Complementary

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



54, 24.590, 343.557



63, 23.918, 158.368

Rectangle

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



54, 24.590, 343.557



54, 24.590, 33.557



54, 24.590, 163.557



54, 24.590, 213.557

Sweetspot

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



54, 24.588, 343.558



80, 8.987, 341.667



52, 29.589, 308.275



42, 6.304, 341.786



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



54, 24.588, 343.558



65, 36.455, 344.259



53, 20.671, 16.725



32, 4.572, 341.675



31, 56.584, 356.472



1, 6.795, 343.690

Inverse Universe

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



54, 24.588, 343.558



65, 36.455, 344.259



64, 17.357, 191.843



32, 4.572, 341.675



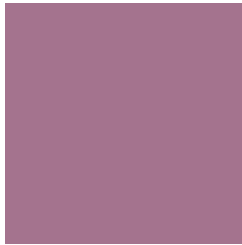
31, 56.584, 356.472



1, 6.795, 343.690

Previews

White Background



This preview shows how the CIELCh color 54, 24.590, 343.557 looks on a white background.

Color Contrast Check

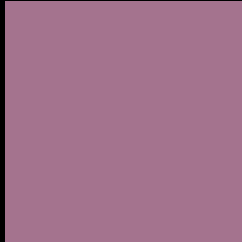
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.590, 343.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

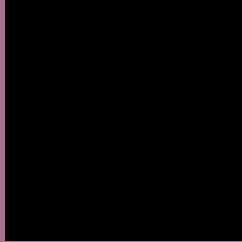
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 24.590, 343.557

Background



This preview shows how black text looks on a background with the CIELCh color 54, 24.590, 343.557.



This preview shows how white text looks on a background with the CIELCh color 54, 24.590, 343.557.

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, 24.590, 343.557

Protanopia

54, 12.716, 286.751

Deuteranopia

54, 9.177, 318.788



Tritanopia
54, 19.159, 6.204

Trichromacy



Original Color
54, 24.590, 343.557

Protanomaly
54, 15.212, 315.330

Deuteranomaly
54, 14.700, 333.032

Tritanomaly
54, 21.006, 356.239

Monochromacy



Original Color
54, 24.590, 343.557

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 8.871, 340.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 24.590, 343.557 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(164, 115, 142)` looks like.

```
.text, #text, p{  
    color:rgb(164, 115, 142)  
}
```

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(164, 115, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 115, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 24.590, 343.557 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(164, 115, 142) }
```

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

```
.border{ border-color:rgb(164, 115, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 115, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 115, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 115, 142);  
box-shadow:4px 4px 4px 4px rgb(164, 115,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 24.590, 343.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 115, 142) }
```

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

```
.background{ background-color: rgb(164,  
115, 142) }
```

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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