

Converting Colors

CIELCh(54, 41.591, 327.571)

Have a look what the booklet for
CIELCh(54, 41.591, 327.571)
contains.

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Color

CIELCh(54, 41.647, 327.768)

Conversions

Conversions Part 1

Format	Color
Hex	AB6BA8
RGB	171, 107, 168
RGB Percent	67%, 42%, 66%
CMY	0.3297, 0.5807, 0.3415
CMYK	0.00, 0.37, 0.02, 0.33
HSL	303°, 28%, 54%
HSV	303°, 37%, 67%
XYZ	29.0895, 21.9746, 39.7178
YIQ	133.0900, 18.5630, 32.5390

Conversions

Conversions Part 2

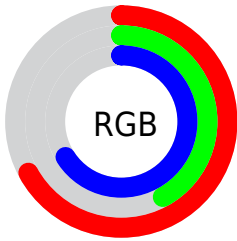
Format	Color
R _Y B	171, 107, 168
Decimal	11234216
CIE Lab	54.00, 35.23, -22.21
CIE LCh	54, 41.647, 327.768
Yxy	21.9746, 0.3204, 0.2421
Android (android.graphics.Color)	4289424296 (0xFFAB6BA8)
YUV	133.0900, 17.2106, 33.2471
Hunter-Lab	46.8770, 28.7334, -17.4211

Details

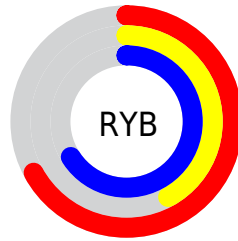
The CIELCh color $54, 41.647, 327.768$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 41.694, 142.949$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 41.203, 327.752$, and $34, 41.902, 327.473$ is the 20% darker color. If you saturate the color by 10%, you get $50, 52.025, 328.283$, and if you desaturate by 10%, it is $58, 30.703, 327.227$.

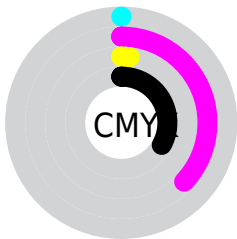
Distribution



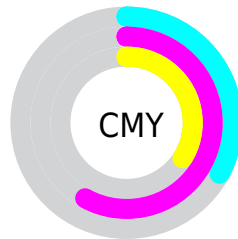
- Red (67%)
- Green (42%)
- Blue (66%)



- Red (67%)
- Yellow (42%)
- Blue (66%)



- Cyan (0%)
- Magenta (37%)
- Yellow (2%)
- Black (33%)




- Cyan (33%)
- Magenta (58%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 41.647, 327.768 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, 41.647, 327.768 by changing the saturation by 10% instead.

 54, 41.647,
327.768

 54, 41.647,
327.768


 100, 41.647,
327.768


 44, 41.647,
327.768


 74, 41.647,
327.768

 34, 41.647,
327.768

 84, 41.647,
327.768

 24, 41.647,
327.768

 94, 41.647,
327.768

 14, 41.647,
327.768

 4, 41.647, 327.768

 0, 41.647, 327.768

54, 41.647,
327.768

54, 41.647,
327.768

50, 52.025,
328.283

58, 30.703,
327.227

47, 61.455,
328.759

62, 19.506,
326.671

44, 69.502,
329.184

67, 8.281, 326.100

42, 75.753,
329.551

71, 2.816, 145.668

41, 79.929,
329.858

76, 13.689,
145.067

40, 82.112,
330.114

80, 24.279,
144.546

40, 82.562,
330.176

85, 34.557,
144.053

90, 44.514,
143.586

■ 93, 50.824,
143.380

Harmonies

Complementary

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



54, 41.647, 327.768



64, 41.694, 142.949

Rectangle

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



54, 41.647, 327.768



54, 41.647, 17.768



54, 41.647, 147.768



54, 41.647, 197.768

Sweetspot

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



54, 41.645, 327.768



82, 15.172, 326.318



48, 37.793, 296.011



43, 10.283, 326.392



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



54, 41.645, 327.768



65, 61.195, 328.201



53, 30.333, 349.231



34, 6.384, 326.210



35, 75.193, 330.155



2, 13.222, 326.333

Inverse Universe

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



54, 41.645, 327.768



65, 61.195, 328.201



65, 28.773, 161.849



34, 6.384, 326.210



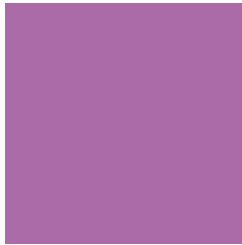
35, 75.193, 330.155



2, 13.222, 326.333

Previews

White Background



This preview shows how the CIELCh color 54, 41.647, 327.768 looks on a white background.

Color Contrast Check

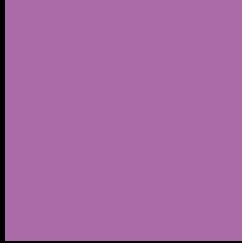
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.647, 327.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

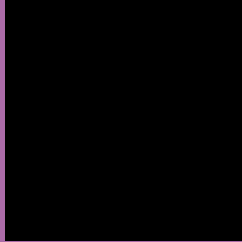
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 41.647, 327.768

Background



This preview shows how black text looks on a background with the CIELCh color 54, 41.647, 327.768.



This preview shows how white text looks on a background with the CIELCh color 54, 41.647, 327.768.

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





Tritanopia
54, 20.811, 7.708

Trichromacy



Original Color
54, 41.647, 327.768

Protanomaly
54, 33.923, 301.508

Deuteranomaly
54, 27.185, 309.241

Tritanomaly
54, 26.480, 345.594

Monochromacy



Original Color
54, 41.647, 327.768

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 15.500, 326.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 41.647, 327.768 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(171, 107, 168)` looks like.

```
.text, #text, p{  
    color:rgb(171, 107, 168)  
}
```

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(171, 107, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 107, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 41.647, 327.768 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(171, 107, 168) }
```

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

```
.border{ border-color:rgb(171, 107, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 107, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 107, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 107, 168);  
box-shadow:4px 4px 4px 4px rgb(171, 107,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 41.647, 327.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 107, 168) }
```

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

```
.background{ background-color: rgb(171,  
107, 168) }
```

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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