

Converting Colors

CIELCh(54, 32.196, 347.368)

Have a look what the booklet for
CIELCh(54, 32.196, 347.368)
contains.

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Color

CIELCh(54, 32.039, 347.770)

Conversions

Conversions Part 1

Format	Color
Hex	B06D8E
RGB	176, 109, 142
RGB Percent	69%, 43%, 56%
CMY	0.3115, 0.5741, 0.4447
CMYK	0.00, 0.38, 0.19, 0.31
HSL	330°, 30%, 56%
HSV	330°, 38%, 69%
XYZ	28.0868, 21.9746, 28.1944
YIQ	132.7950, 29.3390, 24.4670

Conversions

Conversions Part 2

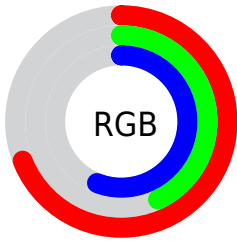
Format	Color
R _Y B	176, 109, 142
Decimal	11562382
CIE Lab	54.00, 31.31, -6.79
CIE LCh	54, 32.039, 347.770
Yxy	21.9746, 0.3589, 0.2808
Android (android.graphics.Color)	4289752462 (0xFFB06D8E)
YUV	132.7950, 4.5381, 37.8908
Hunter-Lab	46.8770, 24.9150, -2.8463

Details

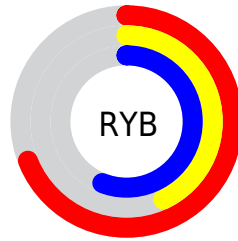
The CIELCh color $54, 32.039, 347.770$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $67, 30.568, 160.367$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 31.949, 347.739$, and $34, 31.831, 347.834$ is the 20% darker color. If you saturate the color by 10%, you get $50, 40.159, 349.107$, and if you desaturate by 10%, it is $58, 23.602, 346.618$.

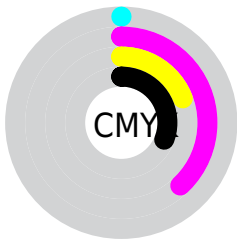
Distribution



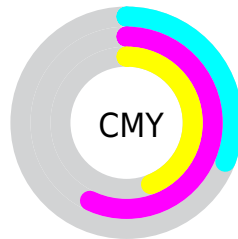
- Red (69%)
- Green (43%)
- Blue (56%)



- Red (69%)
- Yellow (43%)
- Blue (56%)



- Cyan (0%)
- Magenta (38%)
- Yellow (19%)
- Black (31%)





- Cyan (31%)
- Magenta (57%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 32.039, 347.770 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, 32.039, 347.770 by changing the saturation by 10% instead.


 54, 32.039,
347.770


 54, 32.039,
347.770


 100, 32.039,
347.770


 44, 32.039,
347.770


 74, 32.039,
347.770

 34, 32.039,
347.770

 84, 32.039,
347.770

 24, 32.039,
347.770

 94, 32.039,
347.770

 14, 32.039,
347.770

 4, 32.039, 347.770

 0, 32.039, 347.770

■ 54, 32.039,
347.770

■ 54, 32.039,
347.770

■ 50, 40.159,
349.107

■ 58, 23.602,
346.618

■ 46, 47.629,
350.693

■ 63, 15.103,
345.598

■ 43, 54.037,
352.624

■ 68, 6.701, 344.665

■ 41, 58.968,
355.028

■ 73, 1.503, 164.151

■ 78, 9.457, 163.200

■ 39, 62.142,
358.062


■ 82, 17.138,
162.499

■ 38, 63.730, 1.804

■ 87, 24.544,
161.862

■ 38, 64.003, 2.522

■ 92, 31.683,
161.275

 94, 32.104,
165.223

Harmonies

Complementary

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



54, 32.039, 347.770



67, 30.568, 160.367

Rectangle

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



54, 32.039, 347.770



54, 32.039, 37.770



54, 32.039, 167.770



54, 32.039, 217.770

Sweetspot

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



54, 32.037, 347.771



85, 11.302, 344.946



52, 40.679, 310.944



44, 7.598, 345.067



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



54, 32.037, 347.771



65, 47.783, 348.918



53, 28.949, 22.946



34, 4.621, 344.772



32, 57.177, 1.935



2, 9.099, 349.199

Inverse Universe

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



54, 32.037, 347.771



65, 47.783, 348.918



67, 22.217, 197.607



34, 4.621, 344.772



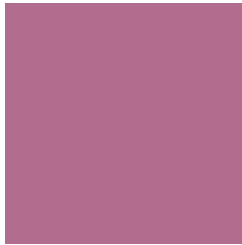
32, 57.177, 1.935



2, 9.099, 349.199

Previews

White Background



This preview shows how the CIELCh color 54, 32.039, 347.770 looks on a white background.

Color Contrast Check

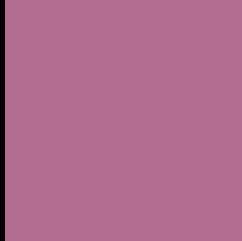
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.039, 347.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

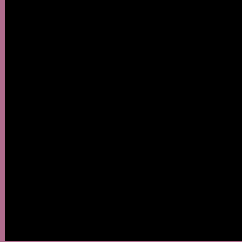
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 32.039, 347.770

Background



This preview shows how black text looks on a background with the CIELCh color 54, 32.039, 347.770.



This preview shows how white text looks on a background with the CIELCh color 54, 32.039, 347.770.

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, 32.039, 347.770

Protanopia

54, 15.033, 286.473

Deuteranopia

54, 8.876, 322.789



Tritanopia
54, 25.891, 11.305

Trichromacy



Original Color
54, 32.039, 347.770

Protanomaly
54, 18.274, 319.179

Deuteranomaly
54, 17.050, 339.047

Tritanomaly
54, 27.351, 2.295

Monochromacy



Original Color
54, 32.039, 347.770

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 12.118, 346.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 32.039, 347.770 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(176, 109, 142)` looks like.

```
.text, #text, p{  
    color:rgb(176, 109, 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(176, 109, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 109, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 32.039, 347.770 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(176, 109, 142) }
```

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

```
.border{ border-color:rgb(176, 109, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 109, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 109, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 109, 142);  
box-shadow:4px 4px 4px 4px rgb(176, 109,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 32.039, 347.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 109, 142) }
```

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

```
.background{ background-color: rgb(176,  
109, 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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