

Converting Colors

CIELCh(54, 35.438, 317.030)

Have a look what the booklet for
CIELCh(54, 35.438, 317.030)
contains.

| | |
|--|----|
| CIELCh(54, 35.186, 317.002) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(54, 35.186, 317.002)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9A73AB |
| RGB | 154, 115, 171 |
| RGB Percent | 60%, 45%, 67% |
| CMY | 0.3972, 0.5500, 0.3305 |
| CMYK | 0.10, 0.33, 0.00, 0.33 |
| HSL | 282°, 25%, 56% |
| HSV | 282°, 33%, 67% |
| XYZ | 26.6991, 21.9746, 41.2236 |
| YIQ | 133.0450, 5.2680, 25.6840 |

Conversions

Conversions Part 2

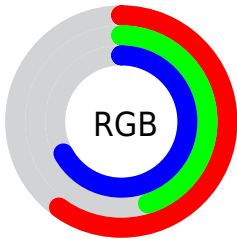
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 154, 115, 171 |
| Decimal | 10122155 |
| CIELab | 54.00, 25.73, -24.00 |
| CIElCh | 54, 35.186, 317.002 |
| Yxy | 21.9746, 0.2970, 0.2444 |
| Android (android.graphics.Color) | 4288312235 (0xFF9A73AB) |
| YUV | 133.0450, 18.7118, 18.3775 |
| Hunter-Lab | 46.8770, 19.6310, -19.3256 |

Details

The CIELCh color `54, 35.186, 317.002` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `66, 34.334, 134.063`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 35.674, 316.866`, and `34, 35.533, 316.885` is the 20% darker color. If you saturate the color by 10%, you get `49, 45.989, 317.411`, and if you desaturate by 10%, it is `59, 24.305, 316.571`.

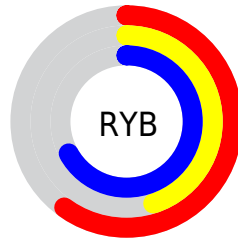
Distribution



Red (60%)

Green (45%)

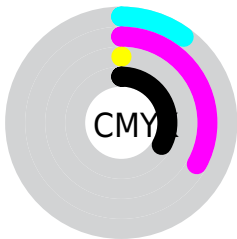
Blue (67%)



Red (60%)

Yellow (45%)

Blue (67%)

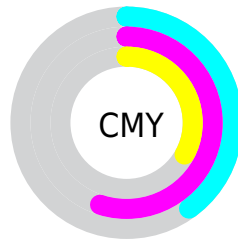


Cyan (10%)

Magenta (33%)

Yellow (0%)

Black (33%)



Cyan (40%)


Magenta (55%)


Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 35.186, 317.002 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, 35.186, 317.002 by changing the saturation by 10% instead.


 54, 35.186,
317.002


 54, 35.186,
317.002


 100, 35.186,
317.002


 44, 35.186,
317.002


 74, 35.186,
317.002

 34, 35.186,
317.002

 84, 35.186,
317.002

 24, 35.186,
317.002

 94, 35.186,
317.002

 14, 35.186,
317.002

 4, 35.186, 317.002

 0, 35.186, 317.002

54, 35.186,
317.002

54, 35.186,
317.002

49, 45.989,
317.411

59, 24.305,
316.571

45, 56.463,
317.769

64, 13.518,
316.136

41, 66.238,
318.033

68, 2.922, 315.678

73, 7.424, 135.361

38, 74.829,
318.148

78, 17.493,
134.983

35, 81.687,
318.053


83, 27.273,
134.644

33, 86.341,
317.686

88, 36.766,
134.336

31, 88.684,
317.305

93, 45.978,
134.059

 95, 47.245,
132.504

Harmonies

Complementary

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



54, 35.186, 317.002



66, 34.334, 134.063

Rectangle

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



54, 35.186, 317.002



54, 35.186, 7.002



54, 35.186, 137.002



54, 35.186, 187.002

Sweetspot

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



54, 35.184, 317.002



82, 13.044, 316.023



55, 22.528, 277.476



43, 8.983, 316.082



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, 35.184, 317.002



65, 51.874, 317.288



55, 33.321, 331.998



33, 5.890, 315.983



27, 79.754, 317.415



1, 10.445, 313.185

Inverse Universe

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



55, 24.557, 359.349



66, 36.387, 0.404



65, 33.209, 147.473



33, 4.027, 356.513



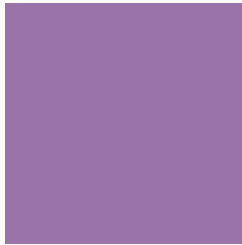
31, 58.001, 19.684



2, 7.062, 358.693

Previews

White Background



This preview shows how the CIELCh color 54, 35.186, 317.002 looks on a white background.

Color Contrast Check

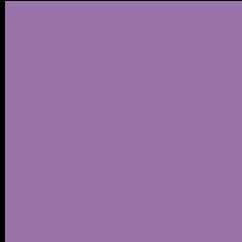
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.186, 317.002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

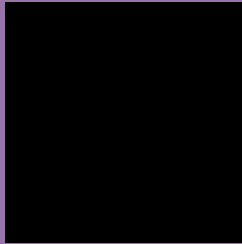
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 35.186, 317.002

Background



This preview shows how black text looks on a background with the CIELCh color 54, 35.186, 317.002.

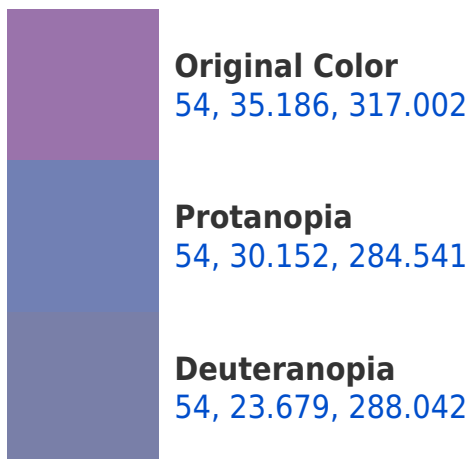


This preview shows how white text looks on a background with the CIELCh color 54, 35.186, 317.002.

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, 11.914, 351.987

Trichromacy



Original Color
54, 35.186, 317.002

Protanomaly
54, 31.280, 296.925

Deuteranomaly
54, 26.878, 300.762

Tritanomaly
54, 19.652, 329.356

Monochromacy



Original Color
54, 35.186, 317.002

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 13.440, 316.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 35.186, 317.002 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(154, 115, 171)` looks like.

```
.text, #text, p{  
    color:rgb(154, 115, 171)  
}
```

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(154, 115, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 115, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 35.186, 317.002 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(154, 115, 171) }
```

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

```
.border{ border-color:rgb(154, 115, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 115, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 115, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 115, 171);  
box-shadow:4px 4px 4px 4px rgb(154, 115,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 35.186, 317.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 115, 171) }
```

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

```
.background{ background-color: rgb(154,  
115, 171) }
```

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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