

Converting Colors

CIELCh(54, 35.409, 6.350)

Have a look what the booklet for
CIELCh(54, 35.409, 6.350) contains.

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Color

CIELCh(54, 35.634, 5.875)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BB687C |
| RGB | 187, 104, 124 |
| RGB Percent | 73%, 41%, 49% |
| CMY | 0.2660, 0.5916, 0.5132 |
| CMYK | 0.00, 0.44, 0.34, 0.27 |
| HSL | 346°, 38%, 57% |
| HSV | 346°, 44%, 73% |
| XYZ | 29.1460, 21.9746, 21.8222 |
| YIQ | 131.0970, 43.0480, 23.8160 |

Conversions

Conversions Part 2

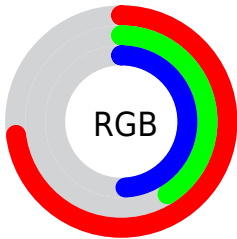
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 187, 104, 124 |
| Decimal | 12281980 |
| CIE _{Lab} | 54.00, 35.45, 3.65 |
| CIE _{LCh} | 54, 35.634, 5.875 |
| Yxy | 21.9746, 0.3996, 0.3013 |
| Android (android.graphics.Color) | 4290472060 (0xFFBB687C) |
| YUV | 131.0970, -3.4988, 49.0269 |
| Hunter-Lab | 46.8770, 28.9484, 5.2133 |

Details

The CIELCh color **54, 35.634, 5.875** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **70, 30.215, 175.714**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 35.404, 6.363**, and **34, 35.500, 6.231** is the 20% darker color. If you saturate the color by 10%, you get **50, 43.848, 8.002**, and if you desaturate by 10%, it is **59, 27.263, 4.161**.

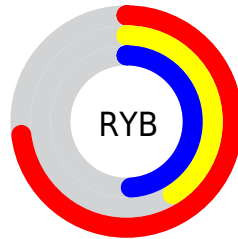
Distribution



Red (73%)

Green (41%)

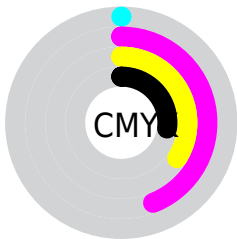
Blue (49%)



Red (73%)

Yellow (41%)

Blue (49%)

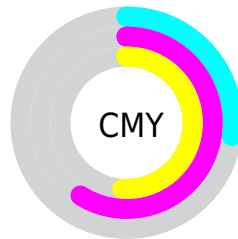


Cyan (0%)

Magenta (44%)

Yellow (34%)

Black (27%)



Cyan (27%)

Magenta (59%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 35.634, 5.875 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, 35.634, 5.875 by changing the saturation by 10% instead.

 54, 35.634, 5.875  54, 35.634, 5.875

 100, 35.634, 5.875  44, 35.634, 5.875

 74, 35.634, 5.875  34, 35.634, 5.875

 84, 35.634, 5.875  24, 35.634, 5.875

 94, 35.634, 5.875  14, 35.634, 5.875

 4, 35.634, 5.875

 0, 35.634, 5.875

 54, 35.634, 5.875  54, 35.634, 5.875

 50, 43.848, 8.002  59, 27.263, 4.161

 46, 51.593, 10.675  63, 18.983, 2.747

43, 58.527, 14.054

68, 10.948, 1.549

41, 64.409, 18.275

74, 3.244, 0.440

40, 69.238, 23.340

79, 4.094, 179.828

39, 71.810, 26.289

84, 11.061,
178.988

90, 17.673,
178.289

95, 23.952,
177.668

96, 22.156,
194.061

Harmonies

Complementary

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



54, 35.634, 5.875



70, 30.215, 175.714

Rectangle

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



54, 35.634, 5.875



54, 35.634, 55.875



54, 35.634, 185.875



54, 35.634, 235.875

Sweetspot

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



54, 35.631, 5.877



87, 12.196, 1.422



54, 51.792, 319.160



46, 8.648, 1.670



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



54, 35.631, 5.877



64, 52.727, 7.885



58, 30.345, 44.276



37, 4.301, 1.004



33, 63.021, 25.491



3, 12.646, 5.812

Inverse Universe

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



54, 35.631, 5.877



64, 52.727, 7.885



65, 22.306, 229.441



37, 4.301, 1.004



33, 63.021, 25.491



3, 12.646, 5.812

Previews

White Background



This preview shows how the CIELCh color 54, 35.634, 5.875 looks on a white background.

Color Contrast Check

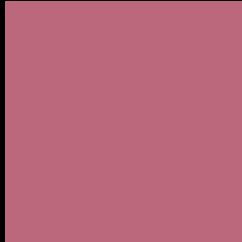
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.634, 5.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

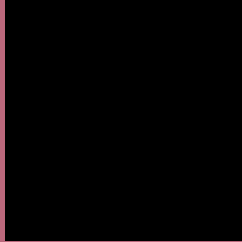
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 35.634, 5.875

Background



This preview shows how black text looks on a background with the CIELCh color 54, 35.634, 5.875.



This preview shows how white text looks on a background with the CIELCh color 54, 35.634, 5.875.

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, 35.634, 5.875

Protanopia

54, 5.189, 290.820

Deuteranopia

54, 8.589, 35.641



Tritanopia
54, 34.134, 16.293

Trichromacy



Original Color
54, 35.634, 5.875

Protanomaly
54, 14.145, 349.214

Deuteranomaly
54, 18.072, 12.482

Tritanomaly
54, 34.515, 11.795

Monochromacy



Original Color
54, 35.634, 5.875

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 12.994, 0.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 35.634, 5.875 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(187, 104, 124)` looks like.

```
.text, #text, p{  
    color:rgb(187, 104, 124)  
}
```

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(187, 104, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 104, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 35.634, 5.875 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(187, 104, 124) }
```

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

```
.border{ border-color:rgb(187, 104, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 104, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 104, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 104, 124);  
box-shadow:4px 4px 4px 4px rgb(187, 104,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 35.634, 5.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 104, 124) }
```

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

```
.background{ background-color: rgb(187,  
104, 124) }
```

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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