

Converting Colors

CIELCh(54, 34.180, 17.239)

Have a look what the booklet for
CIELCh(54, 34.180, 17.239) contains.

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Color

CIELCh(54, 34.180, 17.239)

Conversions

Conversions Part 1

Format	Color
Hex	BA6A71
RGB	186, 106, 113
RGB Percent	73%, 42%, 44%
CMY	0.2702, 0.5839, 0.5565
CMYK	0.00, 0.43, 0.39, 0.27
HSL	355°, 37%, 57%
HSV	355°, 43%, 73%
XYZ	28.4253, 21.9746, 18.3936
YIQ	130.7180, 45.4330, 19.1370

Conversions

Conversions Part 2

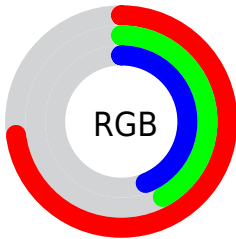
Format	Color
RYB	186, 106, 113
Decimal	12216945
CIELab	54.00, 32.64, 10.13
CIELCh	54, 34.180, 17.239
Yxy	21.9746, 0.4132, 0.3194
Android (android.graphics.Color)	4290407025 (0xFFBA6A71)
YUV	130.7180, -8.7350, 48.4823
Hunter-Lab	46.8770, 26.2041, 9.5498

Details

The CIELCh color **54, 34.180, 17.239** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **71, 26.562, 188.971**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 33.881, 17.246**, and **34, 34.341, 17.318** is the 20% darker color. If you saturate the color by 10%, you get **50, 43.006, 19.335**, and if you desaturate by 10%, it is **59, 25.542, 15.595**.

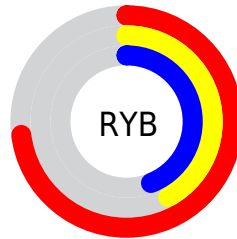
Distribution



Red (73%)

Green (42%)

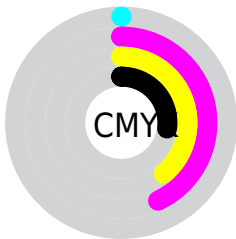
Blue (44%)



Red (73%)

Yellow (42%)

Blue (44%)

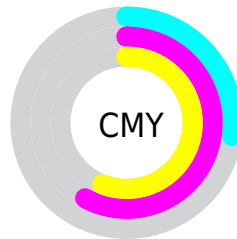


Cyan (0%)

Magenta (43%)

Yellow (39%)

Black (27%)



Cyan (27%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 34.180, 17.239 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, 34.180, 17.239 by changing the saturation by 10% instead.

 54, 34.180, 17.239

 54, 34.180, 17.239

 100, 34.180,
17.239

 44, 34.180, 17.239

 74, 34.180, 17.239

 34, 34.180, 17.239

 84, 34.180, 17.239

 24, 34.180, 17.239

 94, 34.180, 17.239

 14, 34.180, 17.239

 4, 34.180, 17.239

 0, 34.180, 17.239

 54, 34.180, 17.239

 54, 34.180, 17.239

 50, 43.006, 19.335

 59, 25.542, 15.595

 46, 51.781, 21.999

 64, 17.266, 14.283

■ 43, 60.207, 25.343

■ 69, 9.442, 13.210

■ 41, 67.994, 29.365

■ 74, 2.102, 12.163

■ 39, 74.814, 33.769

■ 79, 4.759, 191.800

■ 39, 78.868, 36.488

■ 85, 11.169,
191.138

■ 90, 17.167,
190.607

■ 95, 22.794,
190.155

■ 96, 22.238,
198.047

Harmonies

Complementary

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



54, 34.180, 17.239



71, 26.562, 188.971

Rectangle

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



54, 34.180, 17.239



54, 34.180, 67.239



54, 34.180, 197.239



54, 34.180, 247.239

Sweetspot

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



54, 34.178, 17.242



87, 11.716, 13.232



55, 51.410, 323.718



45, 8.326, 13.456



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, 34.178, 17.242



64, 52.273, 19.304



61, 28.106, 59.701



36, 4.024, 12.854



32, 68.580, 35.878



2, 10.697, 14.102

Inverse Universe

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



54, 34.178, 17.242



64, 52.273, 19.304



61, 22.945, 250.658



36, 4.024, 12.854



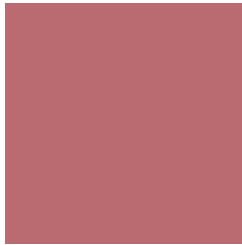
32, 68.580, 35.878



2, 10.697, 14.102

Previews

White Background



This preview shows how the CIELCh color 54, 34.180, 17.239 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, 34.180, 17.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

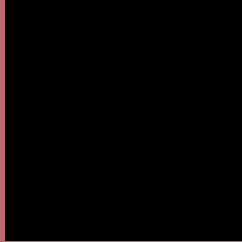
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 34.180, 17.239

Background



This preview shows how black text looks on a background with the CIELCh color 54, 34.180, 17.239.



This preview shows how white text looks on a background with the CIELCh color 54, 34.180, 17.239.

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, 34.180, 17.239

Protanopia

54, 2.792, 74.620

Deuteranopia

54, 13.475, 59.570



Tritanopia
54, 34.134, 16.293

Trichromacy



Original Color
54, 34.180, 17.239

Protanomaly
54, 12.884, 20.823

Deuteranomaly
54, 19.432, 33.222

Tritanomaly
54, 34.134, 16.293

Monochromacy



Original Color
54, 34.180, 17.239

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 11.991, 15.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 34.180, 17.239 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(186, 106, 113)` looks like.

```
.text, #text, p{  
    color:rgb(186, 106, 113)  
}
```

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(186, 106, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 106, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 34.180, 17.239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

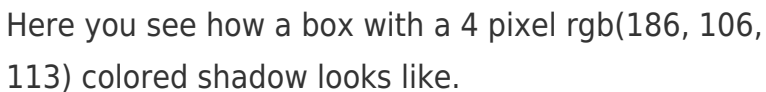
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 106, 113) }
```

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

```
.border{ border-color:rgb(186, 106, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 106, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 106, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 106, 113); box-shadow:4px 4px 4px 4px rgb(186, 106, 113) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 34.180, 17.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 106, 113) }
```

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

```
.background{ background-color: rgb(186,  
106, 113) }
```

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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