

Converting Colors

CIELCh(54, 10.667, 303.137)

Have a look what the booklet for
CIELCh(54, 10.667, 303.137)
contains.

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Color

CIELCh(54, 10.684, 303.737)

Conversions

Conversions Part 1

Format	Color
Hex	847E90
RGB	132, 126, 144
RGB Percent	52%, 49%, 56%
CMY	0.4809, 0.5045, 0.4338
CMYK	0.08, 0.12, 0.00, 0.43
HSL	260°, 8%, 53%
HSV	260°, 12%, 57%
XYZ	22.1428, 21.9746, 29.6093
YIQ	129.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

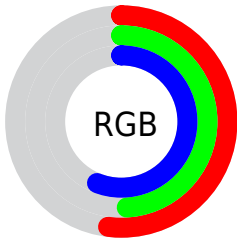
Format	Color
RYB	132, 126, 144
Decimal	8683152
CIELab	54.00, 5.93, -8.88
CIELCh	54, 10.684, 303.737
Yxy	21.9746, 0.3003, 0.2981
Android (android.graphics.Color)	4286873232 (0xFF847E90)
YUV	129.8460, 6.9779, 1.8891
Hunter-Lab	46.8770, 2.2813, -4.6359

Details

The CIELCh color $54, 10.684, 303.737$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 10.445, 122.395$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 10.561, 302.941$, and $34, 10.919, 302.637$ is the 20% darker color. If you saturate the color by 10%, you get $49, 19.567, 304.372$, and if you desaturate by 10%, it is $59, 2.088, 303.153$.

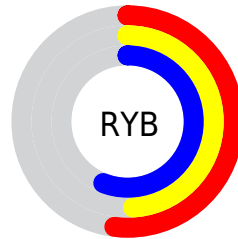
Distribution



Red (52%)

Green (49%)

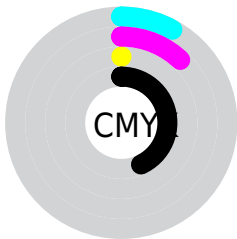
Blue (56%)



Red (52%)

Yellow (49%)

Blue (56%)

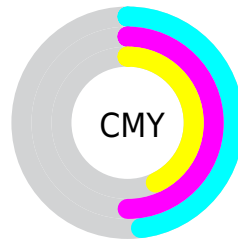


Cyan (8%)

Magenta (12%)

Yellow (0%)

Black (43%)



Cyan (48%)


Magenta (50%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 10.684, 303.737 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, 10.684, 303.737 by changing the saturation by 10% instead.


 54, 10.684,
303.737


 54, 10.684,
303.737


 100, 10.684,
303.737


 44, 10.684,
303.737


 74, 10.684,
303.737

 34, 10.684,
303.737

 84, 10.684,
303.737

 24, 10.684,
303.737

 94, 10.684,
303.737

 14, 10.684,
303.737

 4, 10.684, 303.737

 0, 10.684, 303.737

■ 54, 10.684,
303.737

■ 54, 10.684,
303.737

■ 49, 19.567,
304.372

■ 59, 2.088, 303.153

■ 44, 28.730,
305.079

■ 63, 6.218, 122.688

■ 40, 38.128,
305.849

■ 68, 14.247,
122.251

■ 35, 47.663,
306.660

■ 73, 22.010,
121.874

■ 31, 57.136,
307.470

■ 78, 29.524,
121.548

■ 27, 66.184,
308.201

■ 82, 36.802,
121.267


■ 23, 74.214,
308.736


■ 87, 43.859,
121.025

■ 20, 80.433,

■ 91, 50.708,
120.818

308.919

 95, 56.680,
120.337

 19, 84.300,
308.977

Harmonies

Complementary

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



54, 10.684, 303.737



59, 10.445, 122.395

Rectangle

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



54, 10.684, 303.737



54, 10.684, 353.737



54, 10.684, 123.737



54, 10.684, 173.737

Sweetspot

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



54, 10.682, 303.735



74, 4.208, 303.248



57, 5.598, 234.723



38, 2.983, 303.287



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 10.682, 303.735



68, 16.058, 303.909



55, 11.864, 319.836



28, 4.767, 303.539



17, 80.291, 309.037



0, 3.174, 303.045

Inverse Universe

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



55, 9.918, 336.498



69, 14.868, 336.710



58, 11.794, 138.742



28, 4.438, 336.254



29, 56.715, 346.760



1, 2.974, 335.661

Previews

White Background



This preview shows how the CIELCh color 54, 10.684, 303.737 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 CIELCh color 54, 10.684, 303.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

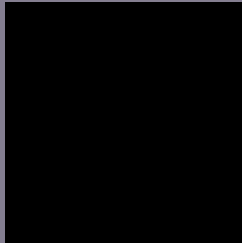
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 10.684, 303.737

Background



This preview shows how black text looks on a background with the CIELCh color 54, 10.684, 303.737.



This preview shows how white text looks on a background with the CIELCh color 54, 10.684, 303.737.

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, 10.684, 303.737

Protanopia

54, 9.824, 287.010

Deuteranopia

54, 11.429, 306.895



Tritanopia
54, 5.903, 302.205

Trichromacy



Original Color

54, 10.684, 303.737

Protanomaly

54, 10.412, 293.517

Deuteranomaly

54, 11.332, 305.030

Tritanomaly

54, 7.687, 302.611

Monochromacy



Original Color

54, 10.684, 303.737

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 3.559, 303.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 10.684, 303.737 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(132, 126, 144)` looks like.

```
.text, #text, p{  
    color:rgb(132, 126, 144)  
}
```

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(132, 126, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 126, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 10.684, 303.737 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(132, 126, 144) }
```

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

```
.border{ border-color:rgb(132, 126, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 126, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 126, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 126, 144); box-shadow:4px 4px 4px 4px rgb(132, 126, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 10.684, 303.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 126, 144) }
```

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

```
.background{ background-color: rgb(132,  
126, 144) }
```

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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