

Converting Colors

CIELCh(54, 16.743, 305.855)

Have a look what the booklet for
CIELCh(54, 16.743, 305.855)
contains.

CIELCh(54, 16.760, 306.203)	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, 16.760, 306.203)

Conversions

Conversions Part 1

Format	Color
Hex	877C98
RGB	135, 124, 152
RGB Percent	53%, 49%, 60%
CMY	0.4691, 0.5122, 0.4024
CMYK	0.11, 0.18, 0.00, 0.40
HSL	264°, 12%, 54%
HSV	264°, 18%, 60%
XYZ	23.0101, 21.9746, 32.9050
YIQ	130.4810, -2.4320, 11.0400

Conversions

Conversions Part 2

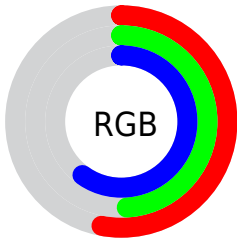
Format	Color
R_{YB}	135, 124, 152
Decimal	8879256
CIE Lab	54.00, 9.90, -13.52
CIE LCh	54, 16.760, 306.203
Yxy	21.9746, 0.2954, 0.2821
Android (android.graphics.Color)	4287069336 (0xFF877C98)
YUV	130.4810, 10.6089, 3.9632
Hunter-Lab	46.8770, 5.5839, -8.8042

Details

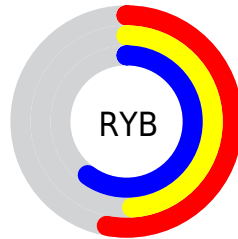
The CIELCh color $[54, 16.760, 306.203]$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $[61, 16.261, 124.342]$, and the grayscale version is $[55, 0.007, 296.813]$.

A 20% lighter version of the original color is $[74, 16.271, 305.495]$, and $[34, 16.891, 306.295]$ is the 20% darker color. If you saturate the color by 10%, you get $[49, 26.270, 306.810]$, and if you desaturate by 10%, it is $[59, 7.524, 305.648]$.

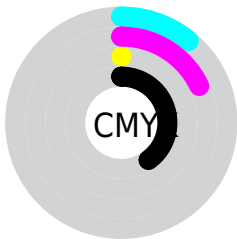
Distribution



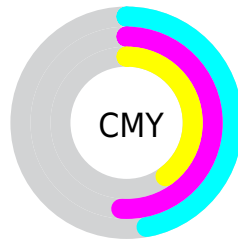
- Red (53%)
- Green (49%)
- Blue (60%)



- Red (53%)
- Yellow (49%)
- Blue (60%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)





- Cyan (47%)
- Magenta (51%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 16.760, 306.203 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, 16.760, 306.203 by changing the saturation by 10% instead.


 54, 16.760,
306.203


 54, 16.760,
306.203


 100, 16.760,
306.203


 44, 16.760,
306.203


 74, 16.760,
306.203

 34, 16.760,
306.203

 84, 16.760,
306.203

 24, 16.760,
306.203

 94, 16.760,
306.203

 14, 16.760,
306.203

 4, 16.760, 306.203

 0, 16.760, 306.203

■ 54, 16.760,
306.203

■ 54, 16.760,
306.203

■ 49, 26.270,
306.810

■ 59, 7.524, 305.648

■ 44, 36.016,
307.467

■ 64, 1.421, 125.214

■ 40, 45.904,
308.154

■ 69, 10.075,
124.741

■ 35, 55.752,
308.837

■ 74, 18.448,
124.359

■ 31, 65.241,
309.452

■ 78, 26.553,
124.028

■ 27, 73.848,
309.904

■ 83, 34.402,
123.741

■ 24, 80.852,
310.064

■ 88, 42.011,
123.493

■ 21, 85.929,

■ 93, 49.395,
123.280

309.905

■ 95, 53.060,
121.652

■ 21, 86.750,
309.899

Harmonies

Complementary

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



54, 16.760, 306.203



61, 16.261, 124.342

Rectangle

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



54, 16.760, 306.203



54, 16.760, 356.203



54, 16.760, 126.203



54, 16.760, 176.203

Sweetspot

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



54, 16.758, 306.202



77, 6.670, 305.529



58, 8.664, 243.996



40, 4.416, 305.559



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 16.758, 306.202



67, 25.076, 306.442



55, 18.689, 322.090



30, 5.096, 305.693



19, 81.575, 309.978



1, 5.429, 305.000

Inverse Universe

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



55, 14.714, 339.673



69, 21.929, 340.013



60, 18.595, 140.283



30, 4.506, 338.935



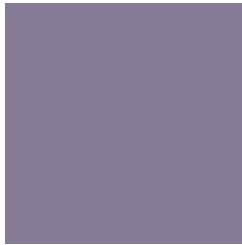
30, 56.419, 351.556



1, 4.793, 338.772

Previews

White Background



This preview shows how the CIELCh color 54, 16.760, 306.203 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, 16.760, 306.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

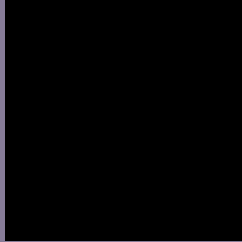
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 16.760, 306.203

Background



This preview shows how black text looks on a background with the CIELCh color 54, 16.760, 306.203.



This preview shows how white text looks on a background with the CIELCh color 54, 16.760, 306.203.

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, 16.760, 306.203

Protanopia

54, 15.634, 285.460

Deuteranopia

54, 15.165, 298.972



Tritanopia
54, 6.256, 312.758

Trichromacy



Original Color
54, 16.760, 306.203

Protanomaly
54, 15.596, 293.400

Deuteranomaly
54, 15.934, 302.754

Tritanomaly
54, 10.326, 308.564

Monochromacy



Original Color
54, 16.760, 306.203

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 5.987, 305.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 16.760, 306.203 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(135, 124, 152)` looks like.

```
.text, #text, p{  
    color:rgb(135, 124, 152)  
}
```

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(135, 124, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 124, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 16.760, 306.203 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(135, 124, 152) }
```

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

```
.border{ border-color:rgb(135, 124, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 124, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 124, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 124, 152); box-shadow:4px 4px 4px 4px rgb(135, 124, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 16.760, 306.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 124, 152) }
```

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

```
.background{ background-color: rgb(135,  
124, 152) }
```

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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