

Converting Colors

CIELCh(52, 54.172, 306.946)

Have a look what the booklet for
CIELCh(52, 54.172, 306.946)
contains.

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Color

CIELCh(52, 54.333, 307.019)

Conversions

Conversions Part 1

Format	Color
Hex	8C6BC7
RGB	140, 107, 199
RGB Percent	55%, 42%, 78%
CMY	0.4518, 0.5812, 0.2205
CMYK	0.30, 0.46, 0.00, 0.22
HSL	262°, 45%, 60%
HSV	262°, 46%, 78%
XYZ	26.2994, 20.1443, 56.4016
YIQ	127.3550, -9.8640, 35.6080

Conversions

Conversions Part 2

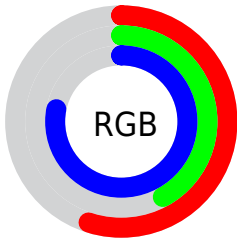
Format	Color
R _Y B	140, 107, 199
Decimal	9202631
CIE Lab	52.00, 32.71, -43.38
CIE LCh	52, 54.333, 307.019
Yxy	20.1443, 0.2557, 0.1959
Android (android.graphics.Color)	4287392711 (0xFF8C6BC7)
YUV	127.3550, 35.3210, 11.0897
Hunter-Lab	44.8824, 26.0502, -43.0892

Details

The CIELCh color `52, 54.333, 307.019` is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be `76, 49.596, 121.568`, and the grayscale version is `53, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 53.698, 307.266`, and `32, 53.782, 307.087` is the 20% darker color. If you saturate the color by 10%, you get `46, 66.656, 307.795`, and if you desaturate by 10%, it is `58, 42.044, 306.257`.

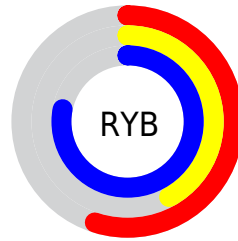
Distribution



Red (55%)

Green (42%)

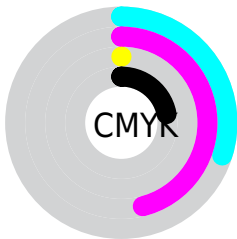
Blue (78%)



Red (55%)

Yellow (42%)

Blue (78%)

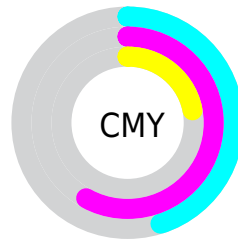


Cyan (30%)

Magenta (46%)

Yellow (0%)

Black (22%)



Cyan (45%)


Magenta (58%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 54.333, 307.019 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 52, 54.333, 307.019 by changing the saturation by 10% instead.


 52, 54.333,
307.019


 52, 54.333,
307.019


 100, 54.333,
307.019


 42, 54.333,
307.019


 72, 54.333,
307.019

 32, 54.333,
307.019

 82, 54.333,
307.019

 22, 54.333,
307.019

 92, 54.333,
307.019

 12, 54.333,
307.019

 2, 54.333, 307.019

 0, 54.333, 307.019

52, 54.333,
307.019

52, 54.333,
307.019

46, 66.656,
307.795

58, 42.044,
306.257

41, 78.634,
308.522

64, 29.993,
305.542

36, 89.616,
309.098

70, 18.276,
304.891

32, 98.648,
309.376

76, 6.930, 304.304

82, 4.037, 123.818


29, 104.731,
309.211

89, 14.632,
123.357

28, 106.577,
309.119

95, 24.872,
122.965

98, 28.826,
117.905

 99, 28.344,
108.378

Harmonies

Complementary

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



52, 54.333, 307.019



76, 49.596, 121.568

Rectangle

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



52, 54.333, 307.019



52, 54.333, 357.019



52, 54.333, 127.019



52, 54.333, 177.019

Sweetspot

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



52, 54.332, 307.019



89, 19.184, 304.765



66, 24.927, 244.534



46, 13.292, 304.899



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 54.332, 307.019



59, 81.224, 307.838



57, 57.612, 322.330



39, 6.301, 304.481



22, 91.904, 309.264



2, 21.928, 301.252

Inverse Universe

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



57, 46.678, 340.633



67, 67.573, 341.806



73, 56.926, 137.426



39, 5.738, 337.395



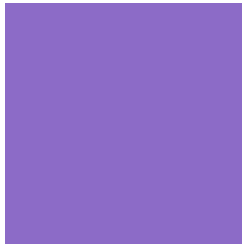
36, 63.979, 349.160



4, 19.610, 344.207

Previews

White Background



This preview shows how the CIELCh color 52, 54.333, 307.019 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 52, 54.333, 307.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

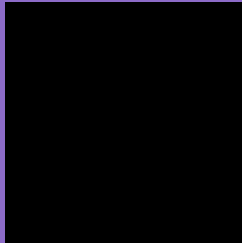
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 54.333, 307.019

Background



This preview shows how black text looks on a background with the CIELCh color 52, 54.333, 307.019.



This preview shows how white text looks on a background with the CIELCh color 52, 54.333, 307.019.

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
52, 6.162, 309.377

Trichromacy



Original Color
52, 54.333, 307.019

Protanomaly
52, 52.734, 293.089

Deuteranomaly
52, 45.289, 290.823

Tritanomaly
52, 24.119, 306.884

Monochromacy



Original Color
52, 54.333, 307.019

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 19.745, 305.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 54.333, 307.019 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(140, 107, 199)` looks like.

```
.text, #text, p{  
    color:rgb(140, 107, 199)  
}
```

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(140, 107, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 107, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 54.333, 307.019 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(140, 107, 199) }
```

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

```
.border{ border-color:rgb(140, 107, 199) }
```

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

Here you see how a box with a 4 pixel rgb(140, 107, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 107, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 107, 199);  
box-shadow:4px 4px 4px 4px rgb(140, 107,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 54.333, 307.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 107, 199) }
```

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

```
.background{ background-color: rgb(140,  
107, 199) }
```

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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