

Converting Colors

CIELCh(54, 55.943, 304.376)

Have a look what the booklet for
CIELCh(54, 55.943, 304.376)
contains.

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Color

CIELCh(54, 55.907, 304.343)

Conversions

Conversions Part 1

Format	Color
Hex	8B71D1
RGB	139, 113, 209
RGB Percent	55%, 44%, 82%
CMY	0.4541, 0.5561, 0.1795
CMYK	0.33, 0.46, 0.00, 0.18
HSL	256°, 51%, 63%
HSV	256°, 46%, 82%
XYZ	28.1445, 21.9746, 63.2199
YIQ	131.7180, -15.3200, 35.3680

Conversions

Conversions Part 2

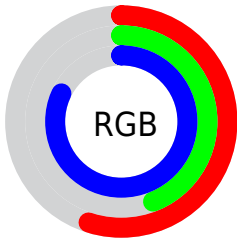
Format	Color
R_{YB}	139, 113, 209
Decimal	9138641
CIE _{Lab}	54.00, 31.54, -46.16
CIE _{LCh}	54, 55.907, 304.343
Yxy	21.9746, 0.2483, 0.1939
Android (android.graphics.Color)	4287328721 (0xFF8B71D1)
YUV	131.7180, 38.1000, 6.3863
Hunter-Lab	46.8770, 25.1347, -47.1466

Details

The CIELCh color $54, 55.907, 304.343$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $80, 50.418, 117.970$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 49.927, 305.399$, and $34, 56.234, 304.494$ is the 20% darker color. If you saturate the color by 10%, you get $48, 68.942, 305.354$, and if you desaturate by 10%, it is $60, 43.039, 303.388$.

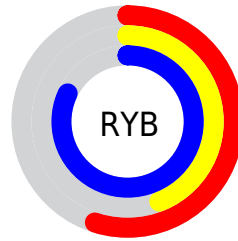
Distribution



Red (55%)

Green (44%)

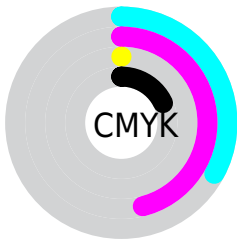
Blue (82%)



Red (55%)

Yellow (44%)

Blue (82%)

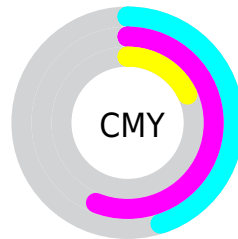


Cyan (33%)

Magenta (46%)

Yellow (0%)

Black (18%)



Cyan (45%)


Magenta (56%)


Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 55.907, 304.343 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, 55.907, 304.343 by changing the saturation by 10% instead.


 54, 55.907,
304.343


 54, 55.907,
304.343


 100, 55.907,
304.343


 44, 55.907,
304.343


 74, 55.907,
304.343

 34, 55.907,
304.343

 84, 55.907,
304.343

 24, 55.907,
304.343

 94, 55.907,
304.343

 14, 55.907,
304.343

 4, 55.907, 304.343

 0, 55.907, 304.343

54, 55.907,
304.343

54, 55.907,
304.343

48, 68.942,
305.354

60, 43.039,
303.388

42, 81.781,
306.357

67, 30.512,
302.518

37, 93.732,
307.235

74, 18.395,
301.742

32, 103.699,
307.818

80, 6.705, 301.058

87, 4.567, 120.481

29, 110.398,
307.916

93, 15.436,
119.962

28, 112.499,
307.899

98, 23.399,
116.633

99, 23.122,
108.425

Harmonies

Complementary

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



54, 55.907, 304.343



80, 50.418, 117.970

Rectangle

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



54, 55.907, 304.343



54, 55.907, 354.343



54, 55.907, 124.343



54, 55.907, 174.343

Sweetspot

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



54, 55.906, 304.343



89, 18.965, 301.617



71, 25.075, 232.220



46, 13.144, 301.775



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 55.906, 304.343



58, 79.633, 305.327



59, 58.765, 319.747



41, 6.488, 301.289



22, 95.509, 308.027



2, 25.909, 300.045

Inverse Universe

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



61, 51.118, 336.504



68, 70.362, 337.363



77, 57.409, 135.292



41, 6.366, 333.728



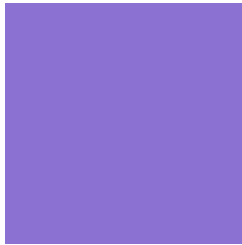
37, 69.011, 342.666



5, 25.244, 339.291

Previews

White Background



This preview shows how the CIELCh color 54, 55.907, 304.343 looks on a white background.

Color Contrast Check

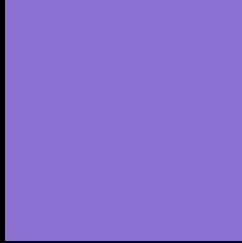
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55.907, 304.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

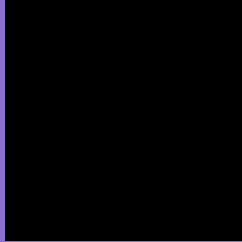
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 55.907, 304.343

Background



This preview shows how black text looks on a background with the CIELCh color 54, 55.907, 304.343.



This preview shows how white text looks on a background with the CIELCh color 54, 55.907, 304.343.

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, 55.907, 304.343

Protanopia
54, 54.873, 286.449

Deuteranopia
54, 45.129, 280.396



Tritanopia
54, 5.937, 276.015

Trichromacy



Original Color
54, 55.907, 304.343

Protanomaly
54, 55.226, 292.568

Deuteranomaly
54, 48.454, 289.829

Tritanomaly
54, 24.479, 298.844

Monochromacy



Original Color
54, 55.907, 304.343

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 20.586, 302.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 55.907, 304.343 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(139, 113, 209)` looks like.

```
.text, #text, p{  
    color:rgb(139, 113, 209)  
}
```

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(139, 113, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 113, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 55.907, 304.343 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(139, 113, 209) }
```

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

```
.border{ border-color:rgb(139, 113, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 113, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 113, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 113, 209);  
box-shadow:4px 4px 4px 4px rgb(139, 113,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 55.907, 304.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 113, 209) }
```

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

```
.background{ background-color: rgb(139,  
113, 209) }
```

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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