

Converting Colors

CIELCh(54, 24.495, 304.195)

Have a look what the booklet for
CIELCh(54, 24.495, 304.195)
contains.

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Color

CIELCh(54, 24.221, 304.003)

Conversions

Conversions Part 1

Format	Color
Hex	887BA4
RGB	136, 123, 164
RGB Percent	53%, 48%, 64%
CMY	0.4678, 0.5188, 0.3580
CMYK	0.17, 0.25, 0.00, 0.36
HSL	259°, 18%, 56%
HSV	259°, 25%, 64%
XYZ	23.8272, 21.9746, 37.9657
YIQ	131.5610, -5.4130, 15.5070

Conversions

Conversions Part 2

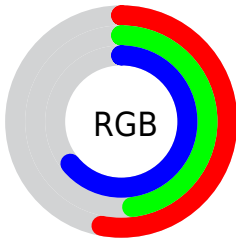
Format	Color
R_{YB}	136, 123, 164
Decimal	8944548
CIE _{Lab}	54.00, 13.55, -20.08
CIE _{LCh}	54, 24.221, 304.003
Yxy	21.9746, 0.2844, 0.2623
Android (android.graphics.Color)	4287134628 (0xFF887BA4)
YUV	131.5610, 15.9924, 3.8930
Hunter-Lab	46.8770, 8.6954, -15.2051

Details

The CIELCh color $54, 24.221, 304.003$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $65, 23.104, 121.052$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 24.518, 304.521$, and $34, 24.357, 304.542$ is the 20% darker color. If you saturate the color by 10%, you get $49, 34.448, 304.763$, and if you desaturate by 10%, it is $59, 14.301, 303.317$.

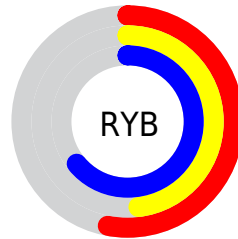
Distribution



Red (53%)

Green (48%)

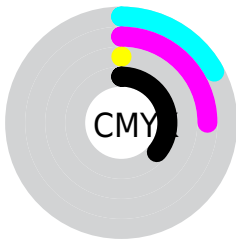
Blue (64%)



Red (53%)

Yellow (48%)

Blue (64%)

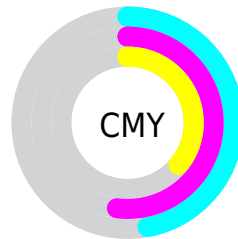


Cyan (17%)

Magenta (25%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (52%)


Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 24.221, 304.003 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, 24.221, 304.003 by changing the saturation by 10% instead.

 54, 24.221,
304.003

 54, 24.221,
304.003

 100, 24.221,
304.003

 44, 24.221,
304.003


 74, 24.221,
304.003

 34, 24.221,
304.003

 84, 24.221,
304.003

 24, 24.221,
304.003

 94, 24.221,
304.003

 14, 24.221,
304.003

 4, 24.221, 304.003

 0, 24.221, 304.003

54, 24.221,
304.003

54, 24.221,
304.003

49, 34.448,
304.763

59, 14.301,
303.317

44, 44.929,
305.590

65, 4.712, 302.705

70, 4.550, 122.194

38, 55.529,
306.455

75, 13.495,
121.723

34, 65.977,
307.306

80, 22.138,
121.320

29, 75.786,
308.047

86, 30.498,
120.972

26, 84.187,
308.538


91, 38.589,
120.672

23, 90.253,
308.619

96, 46.430,
120.415

22, 92.826,

308.639

 97, 46.211,
115.711

Harmonies

Complementary

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



54, 24.221, 304.003



65, 23.104, 121.052

Rectangle

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



54, 24.221, 304.003



54, 24.221, 354.003



54, 24.221, 124.003



54, 24.221, 174.003

Sweetspot

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



54, 24.220, 304.002



80, 9.272, 302.889



61, 12.098, 236.095



42, 6.658, 302.977



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



54, 24.220, 304.002



65, 36.100, 304.413



56, 26.590, 320.407



32, 5.315, 302.956



19, 84.973, 308.734



1, 8.121, 301.315

Inverse Universe

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



56, 22.448, 336.758



69, 33.157, 337.196



64, 26.317, 138.031



32, 5.018, 335.575



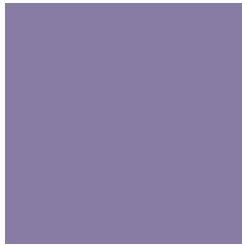
32, 60.303, 345.706



1, 7.436, 337.454

Previews

White Background



This preview shows how the CIELCh color 54, 24.221, 304.003 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, 24.221, 304.003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

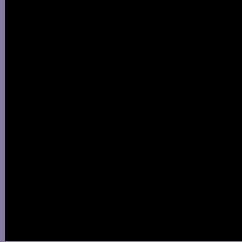
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 24.221, 304.003

Background



This preview shows how black text looks on a background with the CIELCh color 54, 24.221, 304.003.



This preview shows how white text looks on a background with the CIELCh color 54, 24.221, 304.003.

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, 24.221, 304.003

Protanopia

54, 22.596, 285.049

Deuteranopia

54, 20.769, 289.772



Tritanopia
54, 5.903, 302.205

Trichromacy



Original Color
54, 24.221, 304.003

Protanomaly
54, 23.084, 292.081

Deuteranomaly
54, 22.007, 295.566

Tritanomaly
54, 12.454, 303.848

Monochromacy



Original Color
54, 24.221, 304.003

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 8.885, 303.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 24.221, 304.003 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(136, 123, 164)` looks like.

```
.text, #text, p{  
    color:rgb(136, 123, 164)  
}
```

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(136, 123, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 123, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 24.221, 304.003 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(136, 123, 164) }
```

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

```
.border{ border-color:rgb(136, 123, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 123, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 123, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 123, 164);  
box-shadow:4px 4px 4px 4px rgb(136, 123,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 24.221, 304.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 123, 164) }
```

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

```
.background{ background-color: rgb(136,  
123, 164) }
```

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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