

Converting Colors

CIELCh(54, 24.625, 296.430)

Have a look what the booklet for
CIELCh(54, 24.625, 296.430)
contains.

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Color

CIELCh(54, 24.322, 296.349)

Conversions

Conversions Part 1

Format	Color
Hex	817DA7
RGB	129, 125, 167
RGB Percent	51%, 49%, 65%
CMY	0.4957, 0.5114, 0.3468
CMYK	0.23, 0.25, 0.00, 0.35
HSL	246°, 19%, 57%
HSV	246°, 25%, 65%
XYZ	23.2091, 21.9746, 39.3709
YIQ	130.9840, -11.0980, 13.9100

Conversions

Conversions Part 2

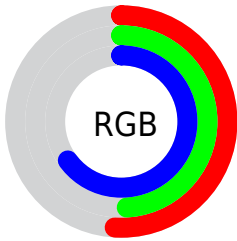
Format	Color
R_{YB}	129, 125, 167
Decimal	8486311
CIE _{Lab}	54.00, 10.80, -21.80
CIE _{LCh}	54, 24.322, 296.349
Yxy	21.9746, 0.2745, 0.2599
Android (android.graphics.Color)	4286676391 (0xFF817DA7)
YUV	130.9840, 17.7559, -1.7400
Hunter-Lab	46.8770, 6.3416, -16.9824

Details

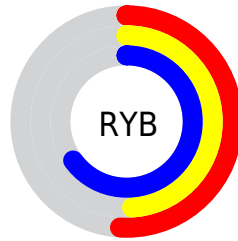
The CIELCh color $54, 24.322, 296.349$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $67, 22.958, 111.876$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 23.921, 295.643$, and $34, 24.530, 296.690$ is the 20% darker color. If you saturate the color by 10%, you get $48, 34.666, 297.596$, and if you desaturate by 10%, it is $60, 14.380, 295.270$.

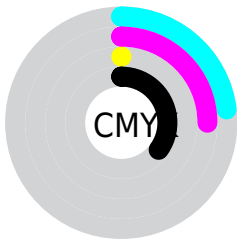
Distribution



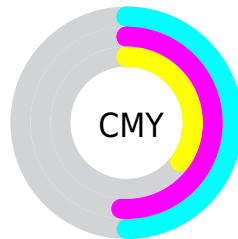
- Red (51%)
- Green (49%)
- Blue (65%)



- Red (51%)
- Yellow (49%)
- Blue (65%)



- Cyan (23%)
- Magenta (25%)
- Yellow (0%)
- Black (35%)



- Cyan (50%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 24.322, 296.349 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, 24.322, 296.349 by changing the saturation by 10% instead.


 54, 24.322,
296.349

 54, 24.322,
296.349


 100, 24.322,
296.349

 44, 24.322,
296.349


 74, 24.322,
296.349

 34, 24.322,
296.349

 84, 24.322,
296.349

 24, 24.322,
296.349

 94, 24.322,
296.349

 14, 24.322,
296.349

 4, 24.322, 296.349

 0, 24.322, 296.349

■ 54, 24.322,
296.349

■ 54, 24.322,
296.349

■ 48, 34.666,
297.596

■ 60, 14.380,
295.270

■ 43, 45.408,
299.021

■ 65, 4.828, 294.347

■ 37, 56.471,
300.608

■ 71, 4.359, 113.543

■ 32, 67.633,
302.296

■ 77, 13.205,
112.866

■ 27, 78.367,
303.954

■ 82, 21.736,
112.284

■ 23, 87.677,
305.357

■ 88, 29.971,
111.783

■ 21, 94.211,
306.241

■ 93, 37.932,
111.351

■ 20, 96.753,

■ 98, 44.261,
109.742

306.625

 98, 44.195,
106.801

Harmonies

Complementary

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



54, 24.322, 296.349



67, 22.958, 111.876

Rectangle

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



54, 24.322, 296.349



54, 24.322, 346.349



54, 24.322, 116.349



54, 24.322, 166.349

Sweetspot

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



54, 24.321, 296.348



81, 9.253, 294.604



64, 13.644, 206.544



42, 6.647, 294.736



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



54, 24.321, 296.348



65, 36.264, 296.994



56, 25.772, 313.017



33, 5.339, 294.707



17, 88.605, 306.667



1, 9.581, 293.394

Inverse Universe

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



57, 26.727, 328.552



71, 39.372, 328.862



66, 25.072, 130.817



33, 6.024, 327.623



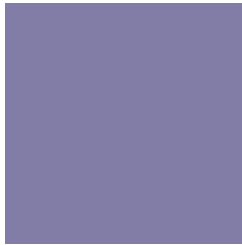
34, 71.553, 332.339



2, 10.670, 328.195

Previews

White Background



This preview shows how the CIELCh color 54, 24.322, 296.349 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, 24.322, 296.349 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, 24.322, 296.349

Background



This preview shows how black text looks on a background with the CIELCh color 54, 24.322, 296.349.



This preview shows how white text looks on a background with the CIELCh color 54, 24.322, 296.349.

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, 24.322, 296.349

Protanopia

54, 23.765, 284.817

Deuteranopia

54, 22.516, 288.482



Tritanopia
54, 6.150, 269.170

Trichromacy



Original Color
54, 24.322, 296.349

Protanomaly
54, 23.659, 288.854

Deuteranomaly
54, 23.086, 291.228

Tritanomaly
54, 12.697, 288.397

Monochromacy



Original Color
54, 24.322, 296.349

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 8.658, 293.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 24.322, 296.349 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(129, 125, 167)` looks like.

```
.text, #text, p{  
    color:rgb(129, 125, 167)  
}
```

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(129, 125, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 125, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 24.322, 296.349 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(129, 125, 167) }
```

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

```
.border{ border-color:rgb(129, 125, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 125, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 125, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 125, 167);  
box-shadow:4px 4px 4px 4px rgb(129, 125,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 24.322, 296.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 125, 167) }
```

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

```
.background{ background-color: rgb(129,  
125, 167) }
```

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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