

Converting Colors

CIELCh(54, 27.239, 286.029)

Have a look what the booklet for
CIELCh(54, 27.239, 286.029)
contains.

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Color

CIELCh(54, 27.228, 285.747)

Conversions

Conversions Part 1

Format	Color
Hex	747FAE
RGB	116, 127, 174
RGB Percent	45%, 50%, 68%
CMY	0.5448, 0.5017, 0.3173
CMYK	0.33, 0.27, 0.00, 0.32
HSL	229°, 26%, 57%
HSV	229°, 33%, 68%
XYZ	22.4586, 21.9746, 43.1418
YIQ	129.0690, -21.6430, 12.2850

Conversions

Conversions Part 2

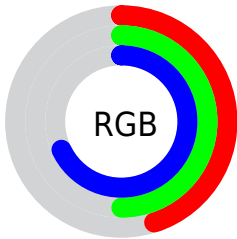
Format	Color
RYB	116, 125, 174
Decimal	7634862
CIELab	54.00, 7.39, -26.21
CIELCh	54, 27.228, 285.747
Yxy	21.9746, 0.2565, 0.2509
Android (android.graphics.Color)	4285824942 (0xFF747FAE)
YUV	129.0690, 22.1510, -11.4615
Hunter-Lab	46.8770, 3.4838, -21.7517

Details

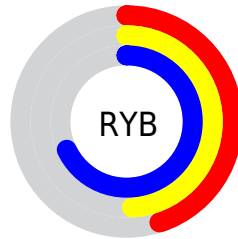
The CIELCh color `54, 27.228, 285.747` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `67, 26.105, 97.203`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 27.212, 285.173`, and `34, 27.114, 285.620` is the 20% darker color. If you saturate the color by 10%, you get `49, 35.981, 287.701`, and if you desaturate by 10%, it is `59, 18.761, 284.069`.

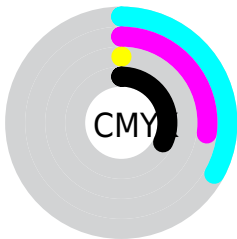
Distribution



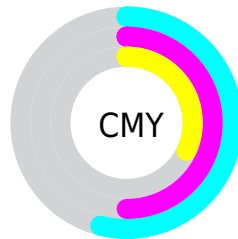
- Red (45%)
- Green (50%)
- Blue (68%)



- Red (45%)
- Yellow (49%)
- Blue (68%)



- Cyan (33%)
- Magenta (27%)
- Yellow (0%)
- Black (32%)



- Cyan (54%)
- Magenta (50%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 27.228, 285.747 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, 27.228, 285.747 by changing the saturation by 10% instead.

■ 54, 27.228,
285.747

■ 54, 27.228,
285.747

■ 100, 27.228,
285.747

■ 44, 27.228,
285.747

■ 74, 27.228,
285.747

■ 34, 27.228,
285.747

■ 84, 27.228,
285.747

■ 24, 27.228,
285.747

■ 94, 27.228,
285.747

■ 14, 27.228,
285.747

■ 4, 27.228, 285.747

■ 0, 27.228, 285.747

54, 27.228,
285.747

54, 27.228,
285.747

49, 35.981,
287.701

59, 18.761,
284.069

44, 45.049,
289.958

64, 10.559,
282.636

39, 54.435,
292.515

69, 2.600, 281.441

34, 64.083,
295.319

75, 5.134, 100.300

30, 73.774,
298.238

80, 12.654, 99.397

26, 83.006,
301.050

85, 19.972, 98.601

24, 88.553,
302.661

90, 27.098, 97.903

95, 34.014, 97.510

98, 40.103,
106.574

Harmonies

Complementary

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



54, 27.228, 285.747



67, 26.105, 97.203

Rectangle

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



54, 27.228, 285.747



54, 27.228, 335.747



54, 27.228, 105.747



54, 27.228, 155.747

Sweetspot

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



54, 27.227, 285.747



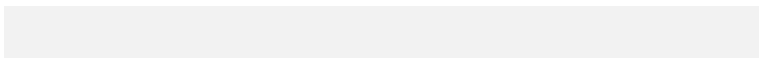
84, 9.793, 282.231



67, 21.477, 180.168



44, 6.748, 282.406



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



54, 27.227, 285.747



65, 41.043, 287.162



53, 34.307, 304.078



34, 4.449, 282.123



20, 78.743, 302.359



1, 9.652, 282.997

Inverse Universe

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



55, 24.610, 7.807



67, 37.149, 9.022



69, 32.089, 119.894



34, 3.933, 4.827



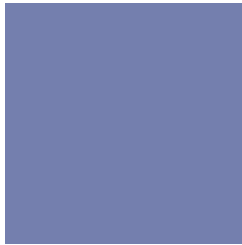
31, 62.592, 29.268



2, 8.020, 6.765

Previews

White Background



This preview shows how the CIELCh color 54, 27.228, 285.747 looks on a white background.

Color Contrast Check

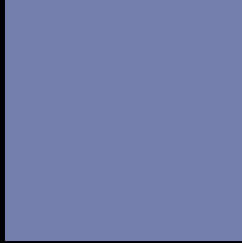
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.228, 285.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

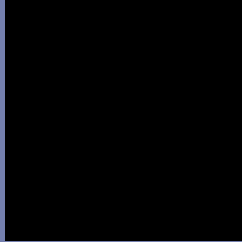
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 27.228, 285.747

Background



This preview shows how black text looks on a background with the CIELCh color 54, 27.228, 285.747.



This preview shows how white text looks on a background with the CIELCh color 54, 27.228, 285.747.

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, 27.228, 285.747

Protanopia

54, 27.263, 285.081

Deuteranopia

54, 27.228, 285.747



Tritanopia
54, 10.310, 232.872

Trichromacy



Original Color
54, 27.228, 285.747

Protanomaly
54, 27.263, 285.081

Deuteranomaly
54, 27.228, 285.747

Tritanomaly
54, 14.642, 264.524

Monochromacy



Original Color
54, 27.228, 285.747

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 9.894, 282.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 27.228, 285.747 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(116, 127, 174)` looks like.

```
.text, #text, p{  
    color:rgb(116, 127, 174)  
}
```

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(116, 127, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 127, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 27.228, 285.747 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(116, 127, 174) }
```

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

```
.border{ border-color:rgb(116, 127, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 127, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 127, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 127, 174);  
box-shadow:4px 4px 4px 4px rgb(116, 127,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 27.228, 285.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 127, 174) }
```

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

```
.background{ background-color: rgb(116,  
127, 174) }
```

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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