

Converting Colors

CIELCh(44, 15.633, 286.090)

Have a look what the booklet for
CIELCh(44, 15.633, 286.090)
contains.

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Color

CIELCh(44, 15.644, 285.633)

Conversions

Conversions Part 1

Format	Color
Hex	626781
RGB	98, 103, 129
RGB Percent	38%, 40%, 51%
CMY	0.6163, 0.5967, 0.4948
CMYK	0.24, 0.20, 0.00, 0.49
HSL	230°, 14%, 44%
HSV	230°, 24%, 51%
XYZ	13.8065, 13.8382, 22.6555
YIQ	104.4690, -11.3260, 7.0260

Conversions

Conversions Part 2

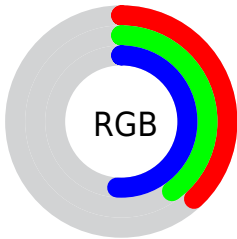
Format	Color
R_{YB}	98, 102, 129
Decimal	6449025
CIE _{Lab}	44.00, 4.22, -15.07
CIE _{LCh}	44, 15.644, 285.633
Yxy	13.8382, 0.2745, 0.2751
Android (android.graphics.Color)	4284639105 (0xFF626781)
YUV	104.4690, 12.0938, -5.6733
Hunter-Lab	37.1997, 1.1500, -10.0692

Details

The CIELCh color **44, 15.644, 285.633** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **52, 15.140, 100.038**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 15.679, 285.387**, and **24, 15.966, 286.681** is the 20% darker color. If you saturate the color by 10%, you get **40, 22.508, 287.235**, and if you desaturate by 10%, it is **48, 9.000, 284.257**.

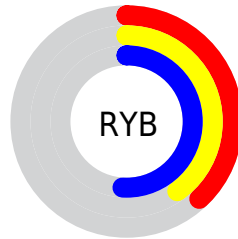
Distribution



Red (38%)

Green (40%)

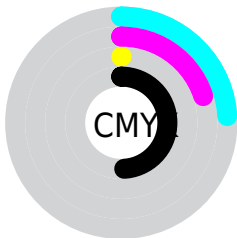
Blue (51%)



Red (38%)

Yellow (40%)

Blue (51%)

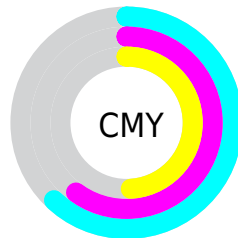


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (49%)



Cyan (62%)


Magenta (60%)

Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 15.644, 285.633 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 44, 15.644, 285.633 by changing the saturation by 10% instead.


 44, 15.644,
285.633


 44, 15.644,
285.633


 100, 15.644,
285.633


 34, 15.644,
285.633

 64, 15.644,
285.633


 24, 15.644,
285.633

 74, 15.644,
285.633

 14, 15.644,
285.633


 84, 15.644,
285.633

 4, 15.644, 285.633

 94, 15.644,
285.633

 0, 15.644, 285.633

 44, 15.644,

 44, 15.644,

285.633

285.633

40, 22.508,
287.235

48, 9.000, 284.257

36, 29.615,
289.096

52, 2.563, 283.098

32, 36.981,
291.235

56, 3.684, 102.010

28, 44.602,
293.648

60, 9.752, 101.140

64, 15.652,
100.371

24, 52.418,
296.282

68, 21.390, 99.697

72, 26.977, 99.102

21, 60.229,
299.009

76, 32.418, 98.576

18, 67.603,
301.609

80, 37.720, 98.107

16, 71.562,
302.872

Harmonies

Complementary

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



44, 15.644, 285.633



52, 15.140, 100.038

Rectangle

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



44, 15.644, 285.633



44, 15.644, 335.633



44, 15.644, 105.633



44, 15.644, 155.633

Sweetspot

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



44, 15.643, 285.631



65, 5.522, 283.431



51, 12.189, 183.814



33, 3.573, 283.481



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 15.643, 285.631



54, 23.674, 286.504



43, 19.123, 304.463



25, 3.552, 283.651



16, 70.965, 302.847



0, 0.000, 0.000

Inverse Universe

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



45, 13.512, 8.589



55, 20.546, 9.312



52, 18.316, 121.777



25, 3.015, 6.953



26, 56.062, 30.402



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 15.644, 285.633 looks on a white 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

Black Background



This preview shows how the CIELCh color 44, 15.644, 285.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

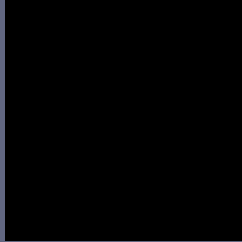
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

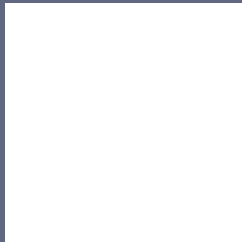
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 15.644, 285.633

Background



This preview shows how black text looks on a background with the CIELCh color 44, 15.644, 285.633.



This preview shows how white text looks on a background with the CIELCh color 44, 15.644, 285.633.

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

44, 15.644, 285.633

Protanopia

44, 15.644, 285.633

Deuteranopia

44, 16.195, 291.148



Tritanopia
44, 6.563, 254.677

Trichromacy



Original Color
44, 15.644, 285.633

Protanomaly
44, 15.644, 285.633

Deuteranomaly
44, 16.201, 289.851

Tritanomaly
44, 9.419, 272.569

Monochromacy



Original Color
44, 15.644, 285.633

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 5.436, 282.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 15.644, 285.633 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(98, 103, 129)` looks like.

```
.text, #text, p{  
    color:rgb(98, 103, 129)  
}
```

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(98, 103, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 103, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 15.644, 285.633 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(98, 103, 129) }
```

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

```
.border{ border-color:rgb(98, 103, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 103, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 103, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 103, 129);  
box-shadow:4px 4px 4px 4px rgb(98, 103,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 15.644, 285.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 103, 129) }
```

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

```
.background{ background-color: rgb(98, 103,  
129) }
```

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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