

Converting Colors

CIELCh(44, 14.942, 271.479)

Have a look what the booklet for
CIELCh(44, 14.942, 271.479)
contains.

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Color

CIELCh(44, 15.170, 271.365)

Conversions

Conversions Part 1

Format	Color
Hex	5A6981
RGB	90, 105, 129
RGB Percent	35%, 41%, 51%
CMY	0.6474, 0.5886, 0.4945
CMYK	0.30, 0.19, 0.00, 0.49
HSL	217°, 18%, 43%
HSV	217°, 30%, 51%
XYZ	13.2080, 13.8382, 22.7132
YIQ	103.2510, -16.6440, 4.2840

Conversions

Conversions Part 2

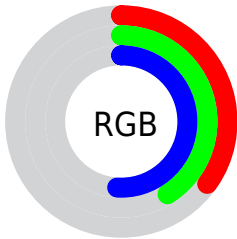
Format	Color
R _Y B	90, 101, 129
Decimal	5925249
CIE Lab	44.00, 0.36, -15.17
CIE LCh	44, 15.170, 271.365
Yxy	13.8382, 0.2654, 0.2781
Android (android.graphics.Color)	4284115329 (0xFF5A6981)
YUV	103.2510, 12.6943, -11.6211
Hunter-Lab	37.1997, -1.7219, -10.1611

Details

The CIELCh color `44, 15.170, 271.365` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `49, 15.575, 83.000`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 15.256, 271.726`, and `24, 15.319, 272.324` is the 20% darker color. If you saturate the color by 10%, you get `41, 20.265, 273.391`, and if you desaturate by 10%, it is `47, 10.114, 269.629`.

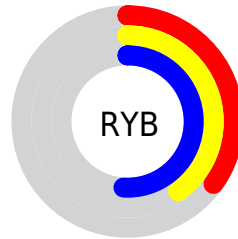
Distribution



Red (35%)

Green (41%)

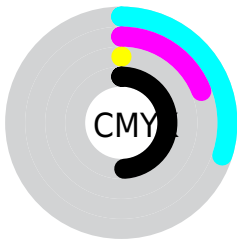
Blue (51%)



Red (35%)

Yellow (40%)

Blue (51%)

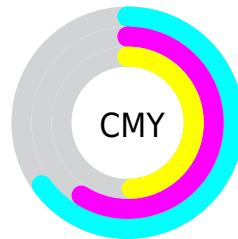


Cyan (30%)

Magenta (19%)

Yellow (0%)

Black (49%)



Cyan (65%)


Magenta (59%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 15.170, 271.365 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, 15.170, 271.365 by changing the saturation by 10% instead.


 44, 15.170,
271.365


 44, 15.170,
271.365


 100, 15.170,
271.365


 34, 15.170,
271.365

 64, 15.170,
271.365


 24, 15.170,
271.365

 74, 15.170,
271.365

 14, 15.170,
271.365

 84, 15.170,
271.365

 4, 15.170, 271.365

 94, 15.170,
271.365

 0, 15.170, 271.365

 44, 15.170,

 44, 15.170,

271.365

271.365

■ 41, 20.265,
273.391

■ 47, 10.114,
269.629

■ 38, 25.407,
275.752

■ 51, 5.100, 268.154

■ 34, 30.613,
278.481

■ 54, 0.129, 268.389

■ 57, 4.794, 85.670

■ 31, 35.906,
281.586

■ 60, 9.663, 84.721

■ 28, 41.318,
285.036

■ 64, 14.476, 83.876

■ 67, 19.227, 83.129

■ 26, 46.868,
288.735

■ 70, 23.914, 82.464

■ 23, 52.418,
292.212

■ 73, 28.536, 81.869

Harmonies

Complementary

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



44, 15.170, 271.365



49, 15.575, 83.000

Rectangle

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



44, 15.170, 271.365



44, 15.170, 321.365



44, 15.170, 91.365



44, 15.170, 141.365

Sweetspot

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



44, 15.169, 271.363



65, 5.567, 268.016



51, 17.685, 166.593



33, 3.852, 268.182



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, 15.169, 271.363



54, 22.509, 272.665



40, 23.890, 297.038



25, 2.778, 268.000



23, 51.942, 292.166



0, 0.000, 0.000

Inverse Universe

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



43, 18.587, 353.392



53, 27.630, 354.245



53, 22.297, 111.735



25, 3.339, 351.107



26, 50.700, 11.324



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 44, 15.170, 271.365 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 CIE LCh color 44, 15.170, 271.365 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

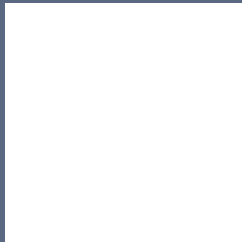
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 15.170, 271.365

Background



This preview shows how black text looks on a background with the CIELCh color 44, 15.170, 271.365.

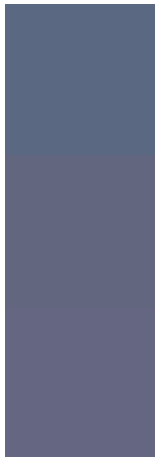


This preview shows how white text looks on a background with the CIELCh color 44, 15.170, 271.365.

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

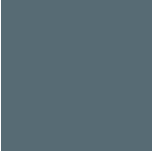
44, 15.170, 271.365

Protanopia

44, 14.461, 284.854

Deuteranopia

44, 16.792, 291.280



Tritanopia
44, 9.124, 235.141

Trichromacy



Original Color
44, 15.170, 271.365

Protanomaly
44, 14.653, 279.209

Deuteranomaly
44, 16.272, 284.730

Tritanomaly
44, 10.999, 254.133

Monochromacy



Original Color
44, 15.170, 271.365

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 5.302, 264.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 15.170, 271.365 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(90, 105, 129)` looks like.

```
.text, #text, p{  
    color:rgb(90, 105, 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(90, 105, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 105, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 15.170, 271.365 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(90, 105, 129) }
```

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

```
.border{ border-color:rgb(90, 105, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 105, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 105, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 105, 129);  
box-shadow:4px 4px 4px 4px rgb(90, 105,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 15.170, 271.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 105, 129) }
```

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

```
.background{ background-color: rgb(90, 105,  
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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