

Converting Colors

CIELCh(44, 12.837, 271.453)

Have a look what the booklet for
CIELCh(44, 12.837, 271.453)
contains.

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Color

CIELCh(44, 12.635, 271.346)

Conversions

Conversions Part 1

Format	Color
Hex	5D697D
RGB	93, 105, 125
RGB Percent	36%, 41%, 49%
CMY	0.6363, 0.5892, 0.5108
CMYK	0.26, 0.16, 0.00, 0.51
HSL	217°, 15%, 43%
HSV	217°, 26%, 49%
XYZ	13.1981, 13.8382, 21.2882
YIQ	103.6920, -13.5720, 3.6760

Conversions

Conversions Part 2

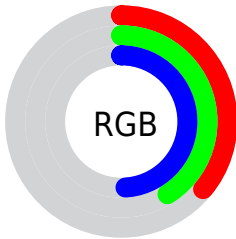
Format	Color
RYB	93, 102, 125
Decimal	6121853
CIELab	44.00, 0.30, -12.63
CIELCh	44, 12.635, 271.346
Yxy	13.8382, 0.2731, 0.2864
Android (android.graphics.Color)	4284311933 (0xFF5D697D)
YUV	103.6920, 10.5048, -9.3769
Hunter-Lab	37.1997, -1.7693, -7.8900

Details

The CIELCh color $44, 12.635, 271.346$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 12.874, 84.452$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 12.867, 272.224$, and $24, 12.594, 271.335$ is the 20% darker color. If you saturate the color by 10%, you get $41, 17.643, 273.214$, and if you desaturate by 10%, it is $47, 7.673, 269.743$.

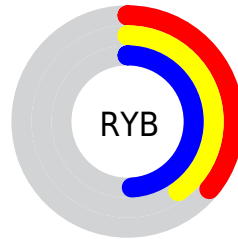
Distribution



Red (36%)

Green (41%)

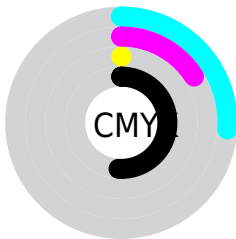
Blue (49%)



Red (36%)

Yellow (40%)

Blue (49%)

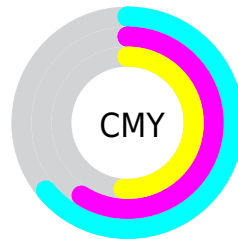


Cyan (26%)

Magenta (16%)

Yellow (0%)

Black (51%)



Cyan (64%)

Magenta (59%)

Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 12.635, 271.346 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, 12.635, 271.346 by changing the saturation by 10% instead.


 44, 12.635,
271.346


 44, 12.635,
271.346


 100, 12.635,
271.346

 34, 12.635,
271.346

 64, 12.635,
271.346

 24, 12.635,
271.346

 74, 12.635,
271.346

 14, 12.635,
271.346


 84, 12.635,
271.346

 4, 12.635, 271.346

 94, 12.635,
271.346

 0, 12.635, 271.346

 44, 12.635,

 44, 12.635,

271.346

271.346

■ 41, 17.643,
273.214

■ 47, 7.673, 269.743

■ 38, 22.703,
275.395

■ 50, 2.759, 268.403

■ 34, 27.825,
277.922

■ 54, 2.105, 87.045

■ 31, 33.031,
280.819

■ 57, 6.914, 86.068

■ 28, 38.347,
284.073

■ 60, 11.664, 85.170

■ 26, 43.798,
287.621

■ 63, 16.353, 84.375

■ 23, 49.381,
291.278

■ 67, 20.978, 83.668

■ 22, 51.858,
292.721

■ 70, 25.536, 83.038

■ 73, 30.026, 82.473

Harmonies

Complementary

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



44, 12.635, 271.346



48, 12.874, 84.452

Rectangle

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



44, 12.635, 271.346



44, 12.635, 321.346



44, 12.635, 91.346



44, 12.635, 141.346

Sweetspot

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



44, 12.634, 271.343



64, 4.873, 268.715



50, 14.486, 168.110



32, 3.447, 268.883



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 12.634, 271.343



55, 19.081, 272.452



41, 19.549, 297.071



24, 2.712, 268.825



22, 51.933, 292.728



46, 92.469, 294.853

Inverse Universe

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



43, 15.194, 353.455



53, 23.021, 354.194



51, 18.473, 112.812



24, 3.209, 351.707



25, 50.039, 12.104



54, 84.903, 15.231

Previews

White Background



This preview shows how the CIELCh color 44, 12.635, 271.346 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, 12.635, 271.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

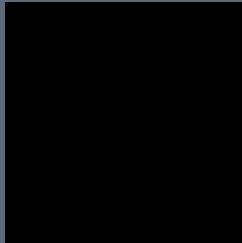
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

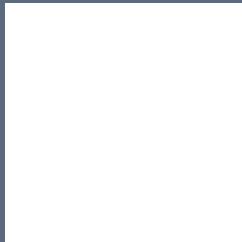
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 12.635, 271.346

Background



This preview shows how black text looks on a background with the CIELCh color 44, 12.635, 271.346.

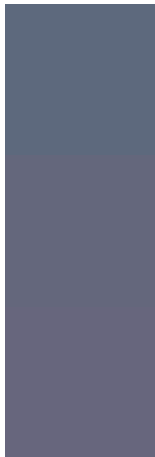


This preview shows how white text looks on a background with the CIELCh color 44, 12.635, 271.346.

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

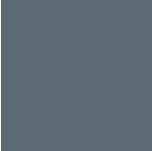
44, 12.635, 271.346

Protanopia

44, 12.616, 286.818

Deuteranopia

44, 13.815, 293.691



Tritanopia
44, 7.758, 243.184

Trichromacy



Original Color
44, 12.635, 271.346

Protanomaly
44, 12.195, 279.466

Deuteranomaly
44, 13.240, 285.550

Tritanomaly
44, 9.271, 256.502

Monochromacy



Original Color
44, 12.635, 271.346

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 4.605, 265.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 12.635, 271.346 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(93, 105, 125)` looks like.

```
.text, #text, p{  
    color:rgb(93, 105, 125)  
}
```

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(93, 105, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 105, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 12.635, 271.346 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(93, 105, 125) }
```

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

```
.border{ border-color:rgb(93, 105, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 105, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 105, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 105, 125);  
box-shadow:4px 4px 4px 4px rgb(93, 105,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 12.635, 271.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 105, 125) }
```

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

```
.background{ background-color: rgb(93, 105,  
125) }
```

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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