

Converting Colors

CIELCh(44, 21.759, 300.200)

Have a look what the booklet for
CIELCh(44, 21.759, 300.200)
contains.

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Color

CIELCh(44, 21.883, 300.831)

Conversions

Conversions Part 1

Format	Color
Hex	6B6387
RGB	107, 99, 135
RGB Percent	42%, 39%, 53%
CMY	0.5798, 0.6112, 0.4700
CMYK	0.21, 0.27, 0.00, 0.47
HSL	253°, 15%, 46%
HSV	253°, 27%, 53%
XYZ	14.9392, 13.8382, 24.8598
YIQ	105.4960, -6.7880, 12.8920

Conversions

Conversions Part 2

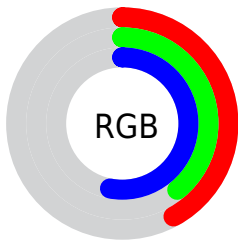
Format	Color
RYB	107, 99, 135
Decimal	7037831
CIELab	44.00, 11.22, -18.79
CIElCh	44, 21.883, 300.831
Yxy	13.8382, 0.2785, 0.2580
Android (android.graphics.Color)	4285227911 (0xFF6B6387)
YUV	105.4960, 14.5455, 1.3190
Hunter-Lab	37.1997, 6.5851, -13.5824

Details

The CIELCh color $[44, 21.883, 300.831]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[55, 20.705, 117.153]$, and the grayscale version is $[45, 0.006, 296.813]$.

A 20% lighter version of the original color is $[64, 21.532, 300.848]$, and $[24, 22.152, 301.454]$ is the 20% darker color. If you saturate the color by 10%, you get $[39, 30.638, 301.766]$, and if you desaturate by 10%, it is $[49, 13.423, 300.002]$.

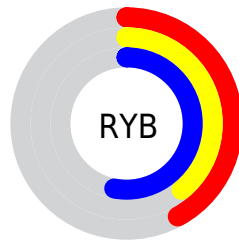
Distribution



Red (42%)

Green (39%)

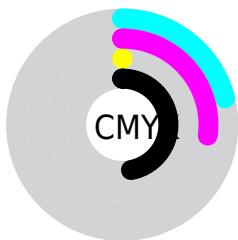
Blue (53%)



Red (42%)

Yellow (39%)

Blue (53%)

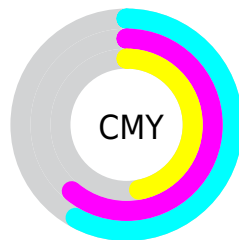


Cyan (21%)

Magenta (27%)

Yellow (0%)

Black (47%)



Cyan (58%)


Magenta (61%)

Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 21.883, 300.831 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, 21.883, 300.831 by changing the saturation by 10% instead.


 44, 21.883,
300.831


 44, 21.883,
300.831


 100, 21.883,
300.831


 34, 21.883,
300.831


 64, 21.883,
300.831


 24, 21.883,
300.831

 74, 21.883,
300.831

 14, 21.883,
300.831

 84, 21.883,
300.831

 4, 21.883, 300.831

 94, 21.883,
300.831

 0, 21.883, 300.831

 44, 21.883,

 44, 21.883,

300.831

300.831

■ 39, 30.638,
301.766

■ 49, 13.423,
300.002

■ 35, 39.658,
302.805

■ 53, 5.264, 299.275

■ 30, 48.847,
303.923

■ 58, 2.603, 118.652

■ 26, 57.992,
305.065

■ 63, 10.192,
118.101

■ 22, 66.674,
306.129

■ 67, 17.520,
117.628

■ 19, 74.180,
306.953

■ 72, 24.602,
117.219

■ 16, 79.870,
307.429

■ 76, 31.455,
116.867

■ 16, 81.768,
307.650

■ 81, 38.092,
116.563

■ 85, 44.528,
116.301

Harmonies

Complementary

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



44, 21.883, 300.831



55, 20.705, 117.153

Rectangle

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



44, 21.883, 300.831



44, 21.883, 350.831



44, 21.883, 120.831



44, 21.883, 170.831

Sweetspot

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



44, 21.882, 300.830



67, 7.885, 299.380



51, 11.098, 222.757



35, 5.661, 299.476



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



44, 21.882, 300.830



53, 32.960, 301.386



46, 23.639, 317.358



26, 4.419, 299.445



15, 79.493, 307.679



0, 1.042, 298.847

Inverse Universe

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



47, 21.813, 332.994



57, 32.457, 333.406



54, 23.218, 135.041



26, 4.516, 331.843



29, 59.352, 339.137



0, 1.075, 331.315

Previews

White Background



This preview shows how the CIELCh color 44, 21.883, 300.831 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, 21.883, 300.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

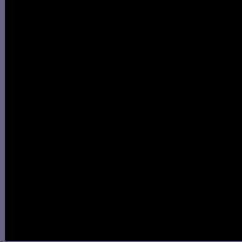
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 21.883, 300.831

Background



This preview shows how black text looks on a background with the CIELCh color 44, 21.883, 300.831.



This preview shows how white text looks on a background with the CIELCh color 44, 21.883, 300.831.

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, 21.883, 300.831

Protanopia

44, 21.100, 284.539

Deuteranopia

44, 19.803, 288.807



Tritanopia
44, 4.803, 286.112

Trichromacy



Original Color
44, 21.883, 300.831

Protanomaly
44, 20.978, 290.187

Deuteranomaly
44, 20.407, 293.028

Tritanomaly
44, 10.887, 297.833

Monochromacy



Original Color
44, 21.883, 300.831

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 7.835, 297.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 21.883, 300.831 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(107, 99, 135)` looks like.

```
.text, #text, p{  
    color:rgb(107, 99, 135)  
}
```

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(107, 99, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 99, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 21.883, 300.831 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(107, 99, 135) }
```

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

```
.border{ border-color:rgb(107, 99, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 99, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 99, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 99, 135); box-shadow:4px 4px 4px 4px rgb(107, 99, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 21.883, 300.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 99, 135) }
```

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

```
.background{ background-color: rgb(107, 99,  
135) }
```

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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