

Converting Colors

CIELCh(43, 28.088, 305.476)

Have a look what the booklet for
CIELCh(43, 28.088, 305.476)
contains.

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Color

CIELCh(43, 27.824, 305.806)

Conversions

Conversions Part 1

Format	Color
Hex	6E5E8B
RGB	110, 94, 139
RGB Percent	43%, 37%, 55%
CMY	0.5690, 0.6317, 0.4553
CMYK	0.21, 0.32, 0.00, 0.46
HSL	261°, 19%, 46%
HSV	261°, 32%, 54%
XYZ	15.0646, 13.1578, 26.1320
YIQ	103.9140, -4.9090, 17.3870

Conversions

Conversions Part 2

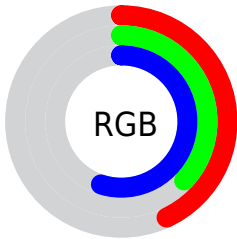
Format	Color
R_{YB}	110, 94, 139
Decimal	7233163
CIE _{Lab}	43.00, 16.28, -22.57
CIE _{LCh}	43, 27.824, 305.806
Yxy	13.1578, 0.2772, 0.2421
Android (android.graphics.Color)	4285423243 (0xFF6E5E8B)
YUV	103.9140, 17.2974, 5.3374
Hunter-Lab	36.2736, 10.6528, -17.3218

Details

The CIELCh color $43, 27.824, 305.806$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $56, 26.243, 122.191$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 28.288, 305.778$, and $23, 27.797, 305.438$ is the 20% darker color. If you saturate the color by 10%, you get $38, 36.922, 306.532$, and if you desaturate by 10%, it is $48, 18.939, 305.134$.

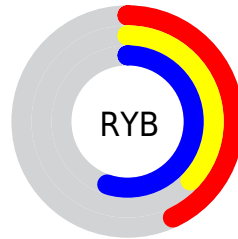
Distribution



Red (43%)

Green (37%)

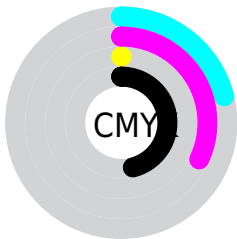
Blue (55%)



Red (43%)

Yellow (37%)

Blue (55%)

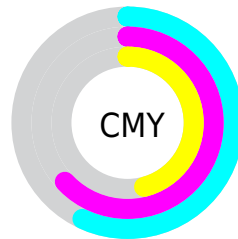


Cyan (21%)

Magenta (32%)

Yellow (0%)

Black (46%)



Cyan (57%)

Magenta (63%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 27.824, 305.806 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 43, 27.824, 305.806 by changing the saturation by 10% instead.

 43, 27.824,
305.806


 43, 27.824,
305.806


 100, 27.824,
305.806


 33, 27.824,
305.806

 63, 27.824,
305.806


 23, 27.824,
305.806

 73, 27.824,
305.806

 13, 27.824,
305.806

 83, 27.824,
305.806

 3, 27.824, 305.806

 93, 27.824,
305.806

 0, 27.824, 305.806

 43, 27.824,

 43, 27.824,

305.806

■ 38, 36.922,
306.532

■ 34, 46.137,
307.292

■ 30, 55.273,
308.043

■ 26, 63.983,
308.711

■ 23, 71.712,
309.184

■ 20, 77.724,
309.317

■ 18, 81.585,
309.356

305.806

■ 48, 18.939,
305.134

■ 52, 10.314,
304.526

■ 57, 1.964, 303.964

■ 61, 6.112, 123.523

■ 66, 13.922,
123.101

■ 70, 21.477,
122.736

■ 75, 28.791,
122.420

■ 79, 35.879,
122.147

■ 84, 42.752,
121.912

Harmonies

Complementary

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



43, 27.824, 305.806



56, 26.243, 122.191

Rectangle

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



43, 27.824, 305.806



43, 27.824, 355.806



43, 27.824, 125.806



43, 27.824, 175.806

Sweetspot

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



43, 27.823, 305.806



68, 10.298, 304.401



50, 13.576, 241.629



35, 7.095, 304.472



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



43, 27.823, 305.806



52, 42.032, 306.343



45, 30.361, 321.722



27, 4.639, 304.341



17, 78.845, 309.401



0, 2.124, 303.869

Inverse Universe

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



45, 24.739, 339.070



56, 36.852, 339.736



54, 30.061, 138.504



27, 4.238, 337.220



28, 55.262, 348.408



0, 1.951, 336.618

Previews

White Background



This preview shows how the CIELCh color 43, 27.824, 305.806 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 43, 27.824, 305.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

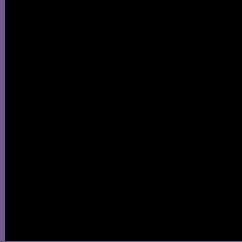
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 27.824, 305.806

Background



This preview shows how black text looks on a background with the CIELCh color 43, 27.824, 305.806.



This preview shows how white text looks on a background with the CIELCh color 43, 27.824, 305.806.

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

43, 27.824, 305.806

Protanopia

43, 26.613, 285.296

Deuteranopia

43, 22.974, 285.659



Tritanopia
43, 5.108, 309.363

Trichromacy



Original Color
43, 27.824, 305.806

Protanomaly
43, 26.489, 292.415

Deuteranomaly
43, 24.102, 293.573

Tritanomaly
43, 13.092, 305.717

Monochromacy



Original Color
43, 27.824, 305.806

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 10.535, 304.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 27.824, 305.806 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(110, 94, 139)` looks like.

```
.text, #text, p{  
    color:rgb(110, 94, 139)  
}
```

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(110, 94, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 94, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 27.824, 305.806 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(110, 94, 139) }
```

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

```
.border{ border-color:rgb(110, 94, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 94, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 94, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 94, 139);  
box-shadow:4px 4px 4px 4px rgb(110, 94,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 27.824, 305.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 94, 139) }
```

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

```
.background{ background-color: rgb(110, 94,  
139) }
```

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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