

Converting Colors

CIELCh(43, 40.397, 304.394)

Have a look what the booklet for
CIELCh(43, 40.397, 304.394)
contains.

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Color

CIELCh(43, 40.282, 304.412)

Conversions

Conversions Part 1

Format	Color
Hex	6E5B9D
RGB	110, 91, 157
RGB Percent	43%, 36%, 62%
CMY	0.5697, 0.6442, 0.3855
CMYK	0.30, 0.42, 0.00, 0.39
HSL	257°, 27%, 49%
HSV	257°, 42%, 61%
XYZ	16.1742, 13.1578, 33.4543
YIQ	104.2050, -9.8620, 24.5540

Conversions

Conversions Part 2

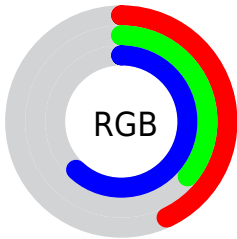
Format	Color
R _Y B	110, 91, 157
Decimal	7232413
CIE Lab	43.00, 22.76, -33.23
CIE LCh	43, 40.282, 304.412
Yxy	13.1578, 0.2576, 0.2096
Android (android.graphics.Color)	4285422493 (0xFF6E5B9D)
YUV	104.2050, 26.0279, 5.0822
Hunter-Lab	36.2736, 16.1131, -29.2903

Details

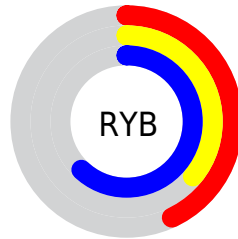
The CIELCh color $43, 40.282, 304.412$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $62, 36.863, 118.923$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 40.558, 304.454$, and $23, 40.014, 304.562$ is the 20% darker color. If you saturate the color by 10%, you get $38, 50.526, 305.338$, and if you desaturate by 10%, it is $48, 30.227, 303.548$.

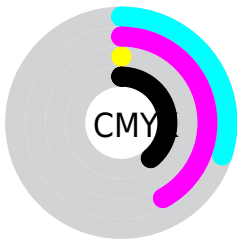
Distribution



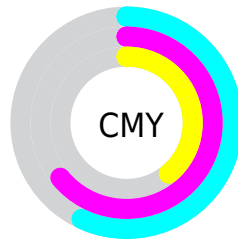
- Red (43%)
- Green (36%)
- Blue (62%)



- Red (43%)
- Yellow (36%)
- Blue (62%)



- Cyan (30%)
- Magenta (42%)
- Yellow (0%)
- Black (39%)





- Cyan (57%)
- Magenta (64%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 40.282, 304.412 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, 40.282, 304.412 by changing the saturation by 10% instead.


 43, 40.282,
304.412


 43, 40.282,
304.412


 100, 40.282,
304.412


 33, 40.282,
304.412

 63, 40.282,
304.412

 23, 40.282,
304.412

 73, 40.282,
304.412

 13, 40.282,
304.412

 83, 40.282,
304.412

 3, 40.282, 304.412

 93, 40.282,
304.412

 0, 40.282, 304.412

 43, 40.282,

 43, 40.282,

304.412

■ 38, 50.526,
305.338

■ 33, 60.762,
306.284

■ 29, 70.599,
307.166

■ 25, 79.374,
307.856

■ 22, 86.162,
308.179

■ 20, 90.310,
308.282

304.412

■ 48, 30.227,
303.548

■ 53, 20.458,
302.765

■ 58, 11.008,
302.067

■ 64, 1.882, 301.438

■ 69, 6.925, 120.929

■ 74, 15.430,
120.462

■ 79, 23.648,
120.059

■ 84, 31.595,
119.713

■ 89, 39.290,
119.414

Harmonies

Complementary

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



43, 40.282, 304.412



62, 36.863, 118.923

Rectangle

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



43, 40.282, 304.412



43, 40.282, 354.412



43, 40.282, 124.412



43, 40.282, 174.412

Sweetspot

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



43, 40.281, 304.412



74, 14.691, 302.143



55, 18.550, 233.874



37, 10.293, 302.283



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



43, 40.281, 304.412



50, 61.307, 305.328



47, 42.837, 320.089



31, 5.157, 301.883



18, 84.295, 308.355



1, 6.635, 300.777

Inverse Universe

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



47, 36.886, 336.845



57, 54.500, 337.702



60, 42.010, 136.046



31, 4.990, 334.370



31, 60.653, 343.570



1, 6.318, 335.236

Previews

White Background



This preview shows how the CIELCh color 43, 40.282, 304.412 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 43, 40.282, 304.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

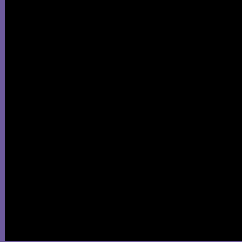
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 43, 40.282, 304.412

Background



This preview shows how black text looks on a background with the CIELCh color 43, 40.282, 304.412.

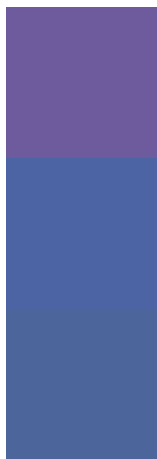


This preview shows how white text looks on a background with the CIELCh color 43, 40.282, 304.412.

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, 40.282, 304.412

Protanopia

43, 38.676, 285.179

Deuteranopia

43, 32.363, 281.098



Tritanopia
43, 4.828, 286.133

Trichromacy



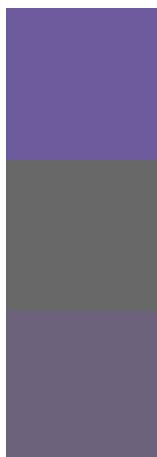
Original Color
43, 40.282, 304.412

Protanomaly
43, 38.459, 291.378

Deuteranomaly
43, 34.928, 290.405

Tritanomaly
43, 17.756, 301.176

Monochromacy



Original Color
43, 40.282, 304.412

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 14.745, 302.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 40.282, 304.412 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, 91, 157)` looks like.

```
.text, #text, p{  
    color:rgb(110, 91, 157)  
}
```

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, 91, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 91, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 40.282, 304.412 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, 91, 157) }
```

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

```
.border{ border-color:rgb(110, 91, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 91, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 91, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 91, 157);  
box-shadow:4px 4px 4px 4px rgb(110, 91,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 40.282, 304.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 91, 157) }
```

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

```
.background{ background-color: rgb(110, 91,  
157) }
```

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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