

Converting Colors

CIELCh(44, 40.956, 303.228)

Have a look what the booklet for
CIELCh(44, 40.956, 303.228)
contains.

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Color

CIELCh(44, 40.568, 302.850)

Conversions

Conversions Part 1

Format	Color
Hex	6E5EA1
RGB	110, 94, 161
RGB Percent	43%, 37%, 63%
CMY	0.5694, 0.6321, 0.3695
CMYK	0.32, 0.42, 0.00, 0.37
HSL	254°, 26%, 50%
HSV	254°, 42%, 63%
XYZ	16.8041, 13.8382, 35.4042
YIQ	106.4220, -11.9710, 24.2290

Conversions

Conversions Part 2

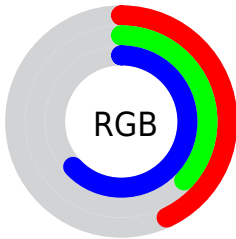
Format	Color
R_{YB}	110, 94, 161
Decimal	7233185
CIE Lab	44.00, 22.01, -34.08
CIE LCh	44, 40.568, 302.850
Yxy	13.8382, 0.2544, 0.2095
Android (android.graphics.Color)	4285423265 (0xFF6E5EA1)
YUV	106.4220, 26.9070, 3.1379
Hunter-Lab	37.1997, 15.5334, -30.3884

Details

The CIELCh color `44, 40.568, 302.850` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `64, 36.960, 116.881`, and the grayscale version is `45, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 40.188, 302.545`, and `24, 40.346, 302.576` is the 20% darker color. If you saturate the color by 10%, you get `39, 51.077, 303.908`, and if you desaturate by 10%, it is `49, 30.301, 301.879`.

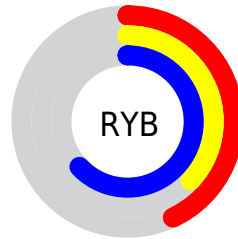
Distribution



Red (43%)

Green (37%)

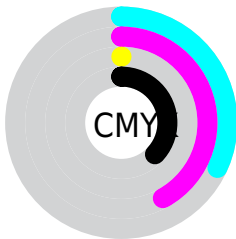
Blue (63%)



Red (43%)

Yellow (37%)

Blue (63%)

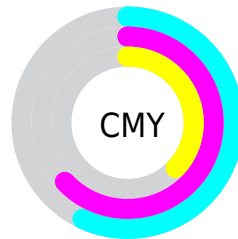


Cyan (32%)

Magenta (42%)

Yellow (0%)

Black (37%)



Cyan (57%)


Magenta (63%)

Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 40.568, 302.850 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, 40.568, 302.850 by changing the saturation by 10% instead.


 44, 40.568,
302.850


 44, 40.568,
302.850


 100, 40.568,
302.850


 34, 40.568,
302.850

 64, 40.568,
302.850


 24, 40.568,
302.850

 74, 40.568,
302.850

 14, 40.568,
302.850

 84, 40.568,
302.850

 4, 40.568, 302.850

 94, 40.568,
302.850

 0, 40.568, 302.850

 44, 40.568,

 44, 40.568,

302.850

■ 39, 51.077,
303.908

■ 34, 61.645,
305.011

■ 29, 71.885,
306.076

■ 25, 81.104,
306.961

■ 22, 88.287,
307.474

■ 20, 92.765,
307.699

302.850

■ 49, 30.301,
301.879

■ 55, 20.358,
301.011

■ 60, 10.761,
300.245

■ 65, 1.508, 299.565

■ 71, 7.413, 119.003

■ 76, 16.020,
118.501

■ 81, 24.332,
118.068

■ 86, 32.367,
117.696

■ 91, 40.144,
117.375

Harmonies

Complementary

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



44, 40.568, 302.850



64, 36.960, 116.881

Rectangle

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



44, 40.568, 302.850



44, 40.568, 352.850



44, 40.568, 122.850



44, 40.568, 172.850

Sweetspot

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



44, 40.567, 302.850



76, 13.735, 300.286



57, 18.798, 226.567



39, 9.111, 300.373



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



44, 40.567, 302.850



51, 61.173, 303.830



47, 42.905, 318.519



32, 5.264, 300.077



17, 86.071, 307.767



1, 8.050, 298.615

Inverse Universe

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



49, 38.537, 334.738



59, 56.422, 335.452



61, 41.815, 134.670



32, 5.306, 332.471



32, 63.495, 340.313



1, 7.899, 333.935

Previews

White Background



This preview shows how the CIELCh color 44, 40.568, 302.850 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, 40.568, 302.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

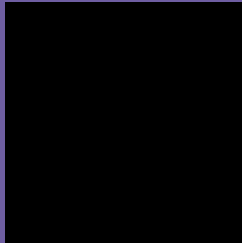
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 40.568, 302.850

Background



This preview shows how black text looks on a background with the CIELCh color 44, 40.568, 302.850.



This preview shows how white text looks on a background with the CIELCh color 44, 40.568, 302.850.

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, 40.568, 302.850

Protanopia

44, 39.706, 285.566

Deuteranopia

44, 33.454, 280.728



Tritanopia
44, 5.589, 274.567

Trichromacy



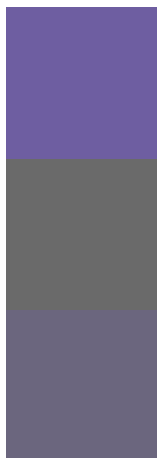
Original Color
44, 40.568, 302.850

Protanomaly
44, 39.506, 291.570

Deuteranomaly
44, 35.969, 289.658

Tritanomaly
44, 18.125, 297.393

Monochromacy



Original Color
44, 40.568, 302.850

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 14.547, 299.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 40.568, 302.850 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(110, 94, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 94, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 40.568, 302.850 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, 161) }
```

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

```
.border{ border-color:rgb(110, 94, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 94, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 94, 161);  
box-shadow:4px 4px 4px 4px rgb(110, 94,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 40.568, 302.850 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, 161) }
```

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

```
.background{ background-color: rgb(110, 94,  
161) }
```

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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