

Converting Colors

CIELCh(44, 45.486, 304.931)

Have a look what the booklet for
CIELCh(44, 45.486, 304.931)
contains.

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Color

CIELCh(44, 45.542, 304.883)

Conversions

Conversions Part 1

Format	Color
Hex	715BA6
RGB	113, 91, 166
RGB Percent	44%, 36%, 65%
CMY	0.5555, 0.6419, 0.3476
CMYK	0.32, 0.45, 0.00, 0.35
HSL	258°, 30%, 51%
HSV	258°, 45%, 65%
XYZ	17.5403, 13.8382, 37.9967
YIQ	106.1280, -10.9630, 27.9890

Conversions

Conversions Part 2

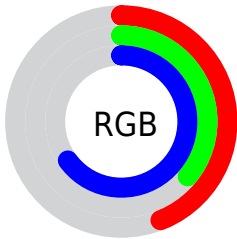
Format	Color
R_{YB}	113, 91, 166
Decimal	7429030
CIE _{Lab}	44.00, 26.05, -37.36
CIE _{LCh}	44, 45.542, 304.883
Yxy	13.8382, 0.2528, 0.1995
Android (android.graphics.Color)	4285619110 (0xFF715BA6)
YUV	106.1280, 29.5169, 6.0267
Hunter-Lab	37.1997, 19.0661, -34.5204

Details

The CIELCh color $44, 45.542, 304.883$ is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be $65, 41.363, 118.998$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 44.970, 304.863$, and $24, 45.536, 304.873$ is the 20% darker color. If you saturate the color by 10%, you get $39, 56.317, 305.811$, and if you desaturate by 10%, it is $49, 34.908, 304.005$.

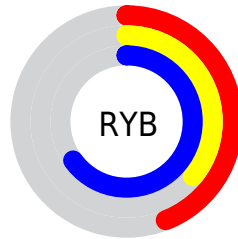
Distribution



Red (44%)

Green (36%)

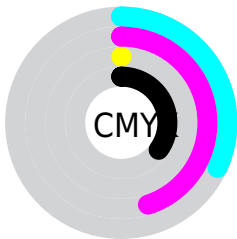
Blue (65%)



Red (44%)

Yellow (36%)

Blue (65%)

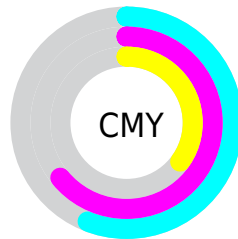


Cyan (32%)

Magenta (45%)

Yellow (0%)

Black (35%)



Cyan (56%)

Magenta (64%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 45.542, 304.883 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, 45.542, 304.883 by changing the saturation by 10% instead.

 44, 45.542,
304.883


 44, 45.542,
304.883

 100, 45.542,
304.883

 34, 45.542,
304.883

 64, 45.542,
304.883


 24, 45.542,
304.883

 74, 45.542,
304.883

 14, 45.542,
304.883

 84, 45.542,
304.883

 4, 45.542, 304.883

 94, 45.542,
304.883

 0, 45.542, 304.883

 44, 45.542,

 44, 45.542,

304.883

■ 39, 56.317,
305.811

■ 34, 66.967,
306.733

■ 29, 76.992,
307.551

■ 26, 85.586,
308.119

■ 23, 91.770,
308.265

■ 22, 94.334,
308.314

304.883

■ 49, 34.908,
304.005

■ 55, 24.549,
303.202

■ 60, 14.516,
302.483

■ 66, 4.824, 301.843

■ 71, 4.530, 121.306

■ 76, 13.561,
120.819

■ 82, 22.284,
120.400

■ 87, 30.717,
120.040

■ 92, 38.878,
119.729

Harmonies

Complementary

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



44, 45.542, 304.883



65, 41.363, 118.998

Rectangle

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



44, 45.542, 304.883



44, 45.542, 354.883



44, 45.542, 124.883



44, 45.542, 174.883

Sweetspot

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



44, 45.541, 304.883



77, 16.663, 302.426



57, 20.616, 234.425



40, 11.638, 302.567



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



44, 45.541, 304.883



51, 68.441, 305.800



48, 48.103, 320.209



33, 5.436, 302.103



19, 86.428, 308.402



1, 9.724, 300.009

Inverse Universe

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



49, 41.164, 337.378



59, 59.919, 338.276



63, 47.127, 135.839



33, 5.234, 334.612



32, 61.956, 344.044



2, 8.987, 337.164

Previews

White Background



This preview shows how the CIELCh color 44, 45.542, 304.883 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, 45.542, 304.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

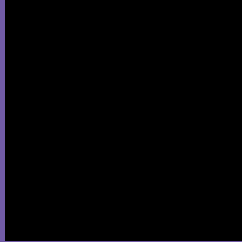
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 45.542, 304.883

Background



This preview shows how black text looks on a background with the CIELCh color 44, 45.542, 304.883.



This preview shows how white text looks on a background with the CIELCh color 44, 45.542, 304.883.

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, 45.542, 304.883

Protanopia

44, 44.447, 285.990

Deuteranopia

44, 36.516, 280.586



Tritanopia
44, 4.845, 281.426

Trichromacy



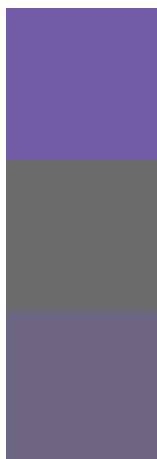
Original Color
44, 45.542, 304.883

Protanomaly
44, 44.257, 292.357

Deuteranomaly
44, 39.559, 290.346

Tritanomaly
44, 20.062, 300.330

Monochromacy



Original Color
44, 45.542, 304.883

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 16.525, 302.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 45.542, 304.883 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(113, 91, 166)` looks like.

```
.text, #text, p{  
    color:rgb(113, 91, 166)  
}
```

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(113, 91, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 91, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 45.542, 304.883 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(113, 91, 166) }
```

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

```
.border{ border-color:rgb(113, 91, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 91, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 91, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 91, 166); box-shadow:4px 4px 4px 4px rgb(113, 91, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 45.542, 304.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 91, 166) }
```

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

```
.background{ background-color: rgb(113, 91,  
166) }
```

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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