

Converting Colors

CIELCh(44, 103.583, 302.249)

Have a look what the booklet for
CIELCh(44, 103.583, 302.249)
contains.

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Color

CIELCh(44, 103.980, 302.325)

Conversions

Conversions Part 1

Format	Color
Hex	4E4BFE
RGB	78, 75, 254
RGB Percent	31%, 29%, 100%
CMY	0.6934, 0.7055, 0.0034
CMYK	0.69, 0.70, 0.00, 0.00
HSL	241°, 99%, 65%
HSV	241°, 70%, 100%
XYZ	23.5903, 13.8382, 95.3044
YIQ	96.3030, -55.6710, 56.3050

Conversions

Conversions Part 2

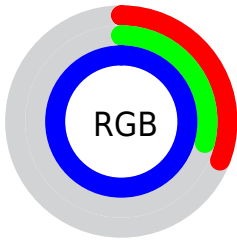
Format	Color
RYB	78, 75, 254
Decimal	5131262
CIELab	44.00, 55.60, -87.87
CIELCh	44, 103.980, 302.325
Yxy	13.8382, 0.1777, 0.1043
Android (android.graphics.Color)	4283321342 (0xFF4E4BFE)
YUV	96.3030, 77.7446, -16.0517
Hunter-Lab	37.1997, 48.0968, -125.8590

Details

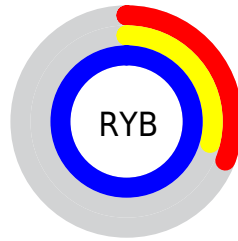
The CIELCh color **44, 103.980, 302.325** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **97, 82.802, 104.741**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 72.763, 302.081**, and **26, 101.697, 304.140** is the 20% darker color. If you saturate the color by 10%, you get **38, 118.045, 304.264**, and if you desaturate by 10%, it is **51, 88.304, 300.184**.

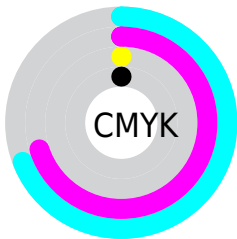
Distribution



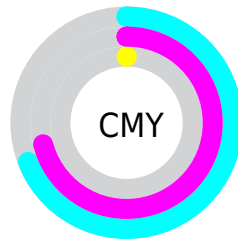
- Red (31%)
- Green (29%)
- Blue (100%)



- Red (31%)
- Yellow (29%)
- Blue (100%)



- Cyan (69%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)





- Cyan (69%)
- Magenta (71%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 103.980, 302.325 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, 103.980, 302.325 by changing the saturation by 10% instead.


 44, 103.980,
302.325


 44, 103.980,
302.325


 100, 103.980,
302.325


 34, 103.980,
302.325


 64, 103.980,
302.325


 24, 103.980,
302.325


 74, 103.980,
302.325


 14, 103.980,
302.325


 84, 103.980,
302.325

 4, 103.980,
302.325

 94, 103.980,
302.325

 0, 103.980,
302.325

 44, 103.980,

 44, 103.980,

302.325

■ 38, 118.045,
304.264

■ 34, 128.333,
305.652

■ 32, 133.396,
306.321

302.325

■ 51, 88.304,
300.184

■ 59, 72.381,
298.098

■ 67, 56.832,
296.203

■ 75, 41.866,
294.547

■ 83, 27.523,
293.128

■ 91, 13.777,
291.924

■ 99, 0.588, 291.015

■ 100, 0.429,
109.965

Harmonies

Complementary

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



44, 103.980, 302.325



97, 82.802, 104.741

Rectangle

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



44, 103.980, 302.325



44, 103.980, 352.325



44, 103.980, 122.325



44, 103.980, 172.325

Sweetspot

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



44, 103.981, 302.326



83, 28.380, 293.201



91, 44.549, 198.710



42, 19.321, 293.574



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 103.981, 302.326



36, 123.675, 304.987



52, 100.793, 312.924



49, 7.505, 291.821



23, 107.695, 306.336



3, 44.170, 302.110

Inverse Universe

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



64, 99.911, 328.363



61, 110.076, 328.731



91, 90.981, 126.884



50, 8.952, 325.410



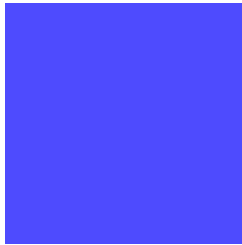
45, 91.835, 328.929



12, 42.317, 328.844

Previews

White Background



This preview shows how the CIELCh color 44, 103.980, 302.325 looks on a white background.

Color Contrast Check

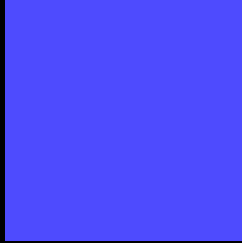
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103.980, 302.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

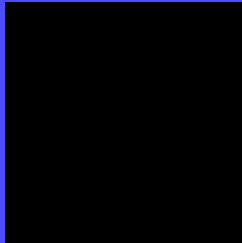
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 103.980, 302.325

Background



This preview shows how black text looks on a background with the CIELCh color 44, 103.980, 302.325.



This preview shows how white text looks on a background with the CIELCh color 44, 103.980, 302.325.

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, 103.980, 302.325

Protanopia

44, 66.600, 287.150

Deuteranopia

44, 45.812, 273.289



Tritanopia
43, 26.765, 207.096

Trichromacy



Original Color
44, 103.980, 302.325

Protanomaly
43, 80.956, 293.888

Deuteranomaly
43, 66.675, 289.131

Tritanomaly
42, 43.800, 275.813

Monochromacy



Original Color
44, 103.980, 302.325

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 40.155, 296.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 103.980, 302.325 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(78, 75, 254)` looks like.

```
.text, #text, p{  
    color:rgb(78, 75, 254)  
}
```

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(78, 75, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 75, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 103.980, 302.325 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(78, 75, 254) }
```

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

```
.border{ border-color:rgb(78, 75, 254) }
```

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

Here you see how a box with a 4 pixel rgb(78, 75, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 75, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 75, 254);  
box-shadow:4px 4px 4px 4px rgb(78, 75,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 103.980, 302.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 75, 254) }
```

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

```
.background{ background-color: rgb(78, 75,  
254) }
```

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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