

Converting Colors

CIELCh(43, 94.438, 325.267)

Have a look what the booklet for
CIELCh(43, 94.438, 325.267)
contains.

CIELCh(43, 93.760, 325.380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 93.760, 325.380)

Conversions

Conversions Part 1

Format	Color
Hex	B200C0
RGB	178, 0, 192
RGB Percent	70%, 0%, 75%
CMY	0.3039, 1.0000, 0.2489
CMYK	0.07, 1.00, 0.00, 0.25
HSL	296°, 100%, 38%
HSV	296°, 100%, 75%
XYZ	27.6922, 13.1578, 50.6756
YIQ	75.1100, 44.4560, 97.4480

Conversions

Conversions Part 2

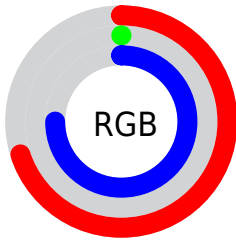
Format	Color
R_{YB}	178, 0, 192
Decimal	11665600
CIE _{Lab}	43.00, 77.16, -53.27
CIE _{LCh}	43, 93.760, 325.380
Yxy	13.1578, 0.3026, 0.1438
Android (android.graphics.Color)	4289855680 (0xFFB200C0)
YUV	75.1100, 57.6268, 90.2345
Hunter-Lab	36.2736, 72.7925, -57.4388

Details

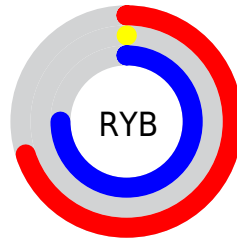
The CIELCh color **43, 93.760, 325.380** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **68, 96.182, 135.716**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 93.676, 325.482**, and **29, 73.465, 323.563** is the 20% darker color. If you saturate the color by 10%, you get **43, 93.591, 325.369**, and if you desaturate by 10%, it is **44, 91.228, 325.503**.

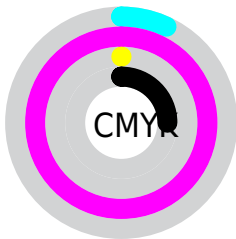
Distribution



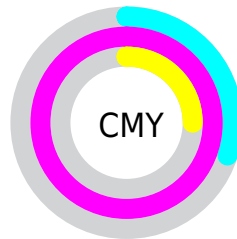
- Red (70%)
- Green (0%)
- Blue (75%)



- Red (70%)
- Yellow (0%)
- Blue (75%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)





- Cyan (30%)
- Magenta (100%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 93.760, 325.380 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, 93.760, 325.380 by changing the saturation by 10% instead.


 43, 93.760,
325.380


 43, 93.760,
325.380


 100, 93.760,
325.380


 33, 93.760,
325.380

 63, 93.760,
325.380


 23, 93.760,
325.380

 73, 93.760,
325.380

 13, 93.760,
325.380

 83, 93.760,
325.380

 3, 93.760, 325.380

 93, 93.760,
325.380


 0, 93.760, 325.380


 43, 93.760,


 43, 93.760,


325.380


325.380


 43, 93.591,
325.369

 44, 91.228,
325.503


 46, 86.838,
325.517

 48, 80.088,
325.395

 51, 71.278,
325.152

 54, 60.878,
324.812

 58, 49.387,
324.399

 63, 37.251,
323.938

 68, 24.820,
323.447

■ 72, 12.348,
322.940

Harmonies

Complementary

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



43, 93.760, 325.380



68, 96.182, 135.716

Rectangle

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



43, 93.760, 325.380



43, 93.760, 15.380



43, 93.760, 145.380



43, 93.760, 195.380

Sweetspot

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



43, 93.591, 325.369



80, 46.229, 323.961



24, 104.013, 305.272



40, 31.481, 324.161



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



43, 93.591, 325.369



56, 114.319, 325.323



42, 69.942, 354.439



38, 7.065, 322.907



36, 82.157, 325.405



4, 23.313, 323.153

Inverse Universe

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



40, 81.284, 37.208



52, 100.030, 37.810



68, 77.942, 145.272



38, 4.200, 14.001



33, 70.895, 36.675



3, 14.047, 15.410

Previews

White Background



This preview shows how the CIELCh color 43, 93.760, 325.380 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, 93.760, 325.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

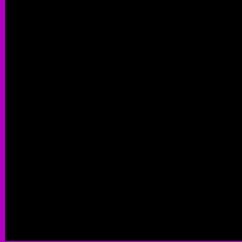
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 93.760, 325.380

Background



This preview shows how black text looks on a background with the CIELCh color 43, 93.760, 325.380.



This preview shows how white text looks on a background with the CIELCh color 43, 93.760, 325.380.

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, 93.760, 325.380

Protanopia

44, 67.081, 287.154

Deuteranopia

44, 45.968, 278.463



Tritanopia
44, 40.105, 21.825

Trichromacy



Original Color
43, 93.760, 325.380



Protanomaly
36, 85.196, 301.641



Deuteranomaly
37, 71.145, 304.703



Tritanomaly
41, 57.219, 345.965

Monochromacy



Original Color
43, 93.760, 325.380



Achromatopsia
32, 0.005, 296.813



Achromatomaly
31, 47.303, 325.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 93.760, 325.380 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(178, 0, 192)` looks like.

```
.text, #text, p{  
    color:rgb(178, 0, 192)  
}
```

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(178, 0, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 0, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 93.760, 325.380 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(178, 0, 192) }
```

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

```
.border{ border-color:rgb(178, 0, 192) }
```

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

Here you see how a box with a 4 pixel rgb(178, 0, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 0, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 0, 192);  
box-shadow:4px 4px 4px 4px rgb(178, 0,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 93.760, 325.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 0, 192) }
```

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

```
.background{ background-color: rgb(178, 0,  
192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor