

Converting Colors

CIELCh(43, 36.545, 323.272)

Have a look what the booklet for
CIELCh(43, 36.545, 323.272)
contains.

CIELCh(43, 36.725, 323.181)	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, 36.725, 323.181)

Conversions

Conversions Part 1

Format	Color
Hex	84548A
RGB	132, 84, 138
RGB Percent	52%, 33%, 54%
CMY	0.4812, 0.6695, 0.4577
CMYK	0.04, 0.39, 0.00, 0.46
HSL	293°, 24%, 44%
HSV	293°, 39%, 54%
XYZ	17.3641, 13.1578, 25.7826
YIQ	104.5080, 11.2740, 26.9700

Conversions

Conversions Part 2

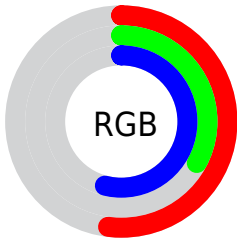
Format	Color
R_{YB}	132, 84, 138
Decimal	8672394
CIE _{Lab}	43.00, 29.40, -22.01
CIE _{LCh}	43, 36.725, 323.181
Yxy	13.1578, 0.3084, 0.2337
Android (android.graphics.Color)	4286862474 (0xFF84548A)
YUV	104.5080, 16.5116, 24.1105
Hunter-Lab	36.2736, 21.9686, -16.7507

Details

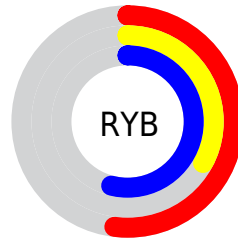
The CIELCh color $43, 36.725, 323.181$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $53, 36.451, 139.032$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 36.641, 322.977$, and $23, 36.669, 322.973$ is the 20% darker color. If you saturate the color by 10%, you get $40, 45.662, 323.576$, and if you desaturate by 10%, it is $47, 27.402, 322.742$.

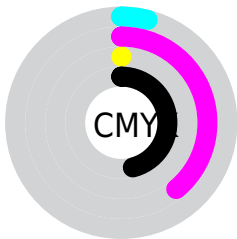
Distribution



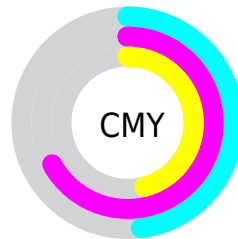
- Red (52%)
- Green (33%)
- Blue (54%)



- Red (52%)
- Yellow (33%)
- Blue (54%)



- Cyan (4%)
- Magenta (39%)
- Yellow (0%)
- Black (46%)





- Cyan (48%)
- Magenta (67%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 36.725, 323.181 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, 36.725, 323.181 by changing the saturation by 10% instead.


 43, 36.725,
323.181


 43, 36.725,
323.181


 100, 36.725,
323.181


 33, 36.725,
323.181

 63, 36.725,
323.181


 23, 36.725,
323.181

 73, 36.725,
323.181

 13, 36.725,
323.181

 83, 36.725,
323.181

 3, 36.725, 323.181

 93, 36.725,
323.181

 0, 36.725, 323.181

 43, 36.725,

 43, 36.725,

323.181

40, 45.662,
323.576

37, 53.915,
323.904

34, 61.120,
324.137

32, 66.907,
324.247

31, 70.982,
324.209

30, 73.628,
324.052

30, 73.873,
324.037

323.181

47, 27.402,
322.742

50, 17.930,
322.279

54, 8.471, 321.802

58, 0.867, 141.565

62, 10.013,
140.931

66, 18.930,
140.493

70, 27.597,
140.085

74, 36.008,
139.703

 78, 44.165,
139.347

Harmonies

Complementary

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



43, 36.725, 323.181



53, 36.451, 139.032

Rectangle

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



43, 36.725, 323.181



43, 36.725, 13.181



43, 36.725, 143.181



43, 36.725, 193.181

Sweetspot

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



43, 36.723, 323.181



68, 14.014, 321.957



40, 29.115, 290.363



35, 9.375, 322.010



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



43, 36.723, 323.181



52, 54.583, 323.539



43, 29.109, 341.025



27, 5.259, 321.806



28, 71.651, 324.053



0, 2.425, 321.400

Inverse Universe

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



42, 24.043, 14.594



51, 36.746, 16.221



53, 28.474, 154.432



27, 3.177, 10.929



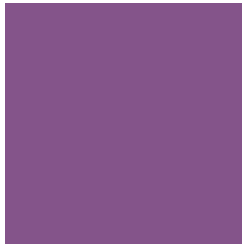
27, 59.683, 33.863



0, 1.435, 10.253

Previews

White Background



This preview shows how the CIELCh color 43, 36.725, 323.181 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 43, 36.725, 323.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

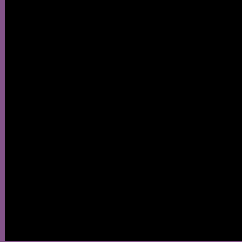
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 36.725, 323.181

Background



This preview shows how black text looks on a background with the CIELCh color 43, 36.725, 323.181.



This preview shows how white text looks on a background with the CIELCh color 43, 36.725, 323.181.

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, 36.725, 323.181

Protanopia

43, 30.818, 285.558

Deuteranopia

43, 21.133, 286.483



Tritanopia
43, 15.665, 3.960

Trichromacy



Original Color
43, 36.725, 323.181

Protanomaly
43, 31.566, 299.479

Deuteranomaly
43, 25.885, 304.150

Tritanomaly
43, 22.007, 339.856

Monochromacy



Original Color
43, 36.725, 323.181

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 14.051, 322.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 36.725, 323.181 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(132, 84, 138)` looks like.

```
.text, #text, p{  
    color:rgb(132, 84, 138)  
}
```

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(132, 84, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 84, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 36.725, 323.181 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(132, 84, 138) }
```

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

```
.border{ border-color:rgb(132, 84, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 84, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 84, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 84, 138); box-shadow:4px 4px 4px 4px rgb(132, 84, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 36.725, 323.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 84, 138) }
```

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

```
.background{ background-color: rgb(132, 84,  
138) }
```

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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