

Converting Colors

CIELCh(50, 43.407, 325.366)

Have a look what the booklet for
CIELCh(50, 43.407, 325.366)
contains.

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Color

CIELCh(50, 43.040, 325.609)

Conversions

Conversions Part 1

Format	Color
Hex	9F61A1
RGB	159, 97, 161
RGB Percent	62%, 38%, 63%
CMY	0.3774, 0.6205, 0.3696
CMYK	0.01, 0.40, 0.00, 0.37
HSL	298°, 25%, 50%
HSV	298°, 40%, 63%
XYZ	24.9159, 18.4187, 35.8497
YIQ	122.8340, 16.4080, 33.0480

Conversions

Conversions Part 2

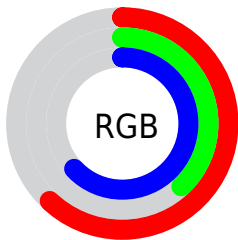
Format	Color
R_{YB}	159, 97, 161
Decimal	10445217
CIE _{Lab}	50.00, 35.52, -24.31
CIE _{LCh}	50, 43.040, 325.609
Yxy	18.4187, 0.3147, 0.2326
Android (android.graphics.Color)	4288635297 (0xFF9F61A1)
YUV	122.8340, 18.8158, 31.7176
Hunter-Lab	42.9170, 28.5253, -19.4847

Details

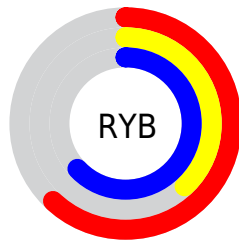
The CIELCh color $50, 43.040, 325.609$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 43.015, 140.810$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 43.095, 325.692$, and $30, 42.849, 325.666$ is the 20% darker color. If you saturate the color by 10%, you get $47, 53.053, 326.048$, and if you desaturate by 10%, it is $54, 32.439, 325.127$.

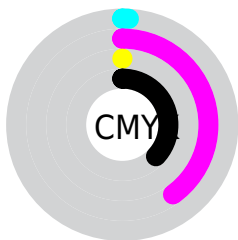
Distribution



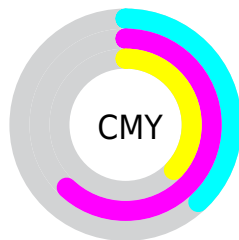
- Red (62%)
- Green (38%)
- Blue (63%)



- Red (62%)
- Yellow (38%)
- Blue (63%)



- Cyan (1%)
- Magenta (40%)
- Yellow (0%)
- Black (37%)





- Cyan (38%)
- Magenta (62%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 43.040, 325.609 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 50, 43.040, 325.609 by changing the saturation by 10% instead.

 50, 43.040,
325.609


 50, 43.040,
325.609


 100, 43.040,
325.609


 40, 43.040,
325.609


 70, 43.040,
325.609

 30, 43.040,
325.609


 80, 43.040,
325.609

 20, 43.040,
325.609

 90, 43.040,
325.609

 10, 43.040,
325.609

 0, 43.040, 325.609

 50, 43.040,
325.609

 50, 43.040,
325.609

47, 53.053,
326.048

54, 32.439,
325.127

44, 62.106,
326.424

58, 21.559,
324.618

41, 69.784,
326.720

62, 10.625,
324.092

39, 75.704,
326.918

66, 0.207, 144.628

38, 79.628,
327.008

71, 10.836,
143.113

37, 81.923,
327.013

75, 21.201,
142.617

37, 81.967,
327.013

80, 31.269,
142.149

84, 41.028,
141.708

89, 50.478,
141.293

Harmonies

Complementary

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



50, 43.040, 325.609



61, 43.015, 140.810

Rectangle

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



50, 43.040, 325.609



50, 43.040, 15.609



50, 43.040, 145.609



50, 43.040, 195.609

Sweetspot

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



50, 43.038, 325.609



77, 16.137, 324.221



44, 37.008, 294.127



40, 10.689, 324.285



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



50, 43.038, 325.609



60, 63.450, 326.011



49, 31.837, 345.590



32, 6.207, 324.064



33, 76.131, 327.023



1, 9.576, 323.326

Inverse Universe

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



48, 28.052, 20.833



58, 43.000, 22.462



61, 30.638, 158.135



32, 3.630, 17.367



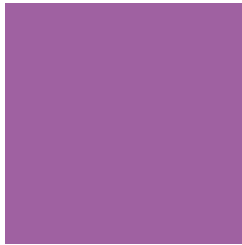
30, 66.971, 38.012



1, 5.471, 17.045

Previews

White Background



This preview shows how the CIELCh color 50, 43.040, 325.609 looks on a white background.

Color Contrast Check

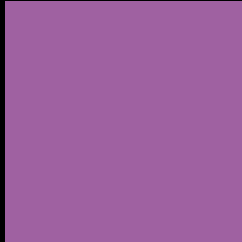
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 50, 43.040, 325.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

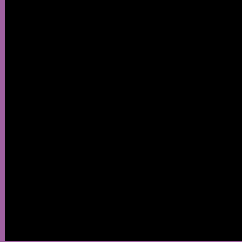
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 43.040, 325.609

Background



This preview shows how black text looks on a background with the CIELCh color 50, 43.040, 325.609.

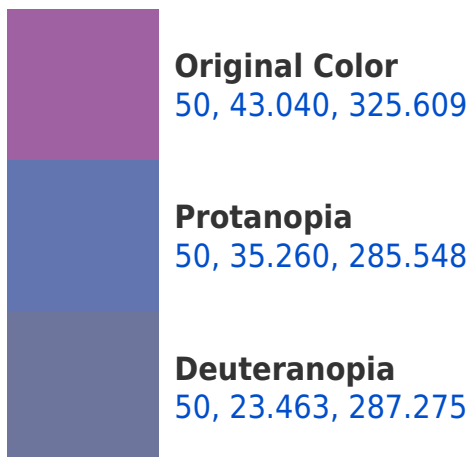


This preview shows how white text looks on a background with the CIELCh color 50, 43.040, 325.609.

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





Tritanopia
50, 19.784, 8.475

Trichromacy



Original Color
50, 43.040, 325.609

Protanomaly
50, 36.049, 300.389

Deuteranomaly
50, 28.986, 306.344

Tritanomaly
50, 26.484, 343.559

Monochromacy



Original Color
50, 43.040, 325.609

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 16.674, 324.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 43.040, 325.609 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(159, 97, 161)` looks like.

```
.text, #text, p{  
    color:rgb(159, 97, 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(159, 97, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 97, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 43.040, 325.609 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(159, 97, 161) }
```

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

```
.border{ border-color:rgb(159, 97, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 97, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 97, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 97, 161);  
box-shadow:4px 4px 4px 4px rgb(159, 97,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 43.040, 325.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 97, 161) }
```

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

```
.background{ background-color: rgb(159, 97,  
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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