

Converting Colors

CIELCh(50, 44.063, 326.776)

Have a look what the booklet for
CIELCh(50, 44.063, 326.776)
contains.

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Color

CIELCh(50, 43.997, 326.553)

Conversions

Conversions Part 1

Format	Color
Hex	A160A1
RGB	161, 96, 161
RGB Percent	63%, 38%, 63%
CMY	0.3699, 0.6247, 0.3698
CMYK	0.00, 0.40, 0.00, 0.37
HSL	300°, 26%, 50%
HSV	300°, 40%, 63%
XYZ	25.1959, 18.4187, 35.8023
YIQ	122.8450, 17.8750, 33.9950

Conversions

Conversions Part 2

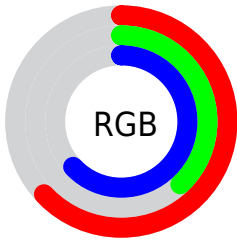
Format	Color
R_{YB}	161, 96, 161
Decimal	10576033
CIE _{Lab}	50.00, 36.71, -24.25
CIE _{LCh}	50, 43.997, 326.553
Yxy	18.4187, 0.3173, 0.2319
Android (android.graphics.Color)	4288766113 (0xFFA160A1)
YUV	122.8450, 18.8104, 33.4619
Hunter-Lab	42.9170, 29.6899, -19.4192

Details

The CIELCh color $50, 43.997, 326.553$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 44.080, 141.438$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 44.067, 326.562$, and $30, 43.688, 326.707$ is the 20% darker color. If you saturate the color by 10%, you get $47, 53.953, 327.012$, and if you desaturate by 10%, it is $54, 33.388, 326.053$.

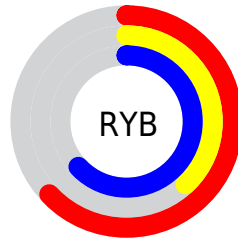
Distribution



Red (63%)

Green (38%)

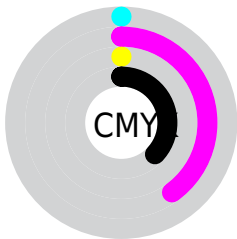
Blue (63%)



Red (63%)

Yellow (38%)

Blue (63%)

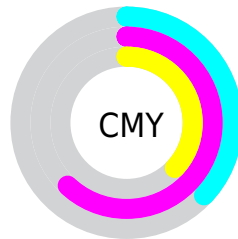


Cyan (0%)

Magenta (40%)

Yellow (0%)

Black (37%)



Cyan (37%)


Magenta (62%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 43.997, 326.553 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, 43.997, 326.553 by changing the saturation by 10% instead.


 50, 43.997,
326.553


 50, 43.997,
326.553


 100, 43.997,
326.553


 40, 43.997,
326.553


 70, 43.997,
326.553

 30, 43.997,
326.553


 80, 43.997,
326.553


 20, 43.997,
326.553

 90, 43.997,
326.553

 10, 43.997,
326.553

 0, 43.997, 326.553

 50, 43.997,
326.553

 50, 43.997,
326.553

47, 53.953,
327.012

54, 33.388,
326.053

44, 62.879,
327.413

58, 22.452,
325.525

41, 70.363,
327.741

62, 11.427,
324.980

40, 76.050,
327.986

66, 0.483, 324.009

39, 79.741,
328.141

70, 10.266,
143.958

38, 81.821,
328.228

75, 20.752,
143.437

79, 30.938,
142.945

84, 40.808,
142.478

88, 50.359,
142.039

Harmonies

Complementary

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



50, 43.997, 326.553



61, 44.080, 141.438

Rectangle

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



50, 43.997, 326.553



50, 43.997, 16.553



50, 43.997, 146.553



50, 43.997, 196.553

Sweetspot

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



50, 43.995, 326.553



78, 16.292, 325.079



44, 38.337, 294.876



40, 10.791, 325.144



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, 43.995, 326.553



60, 65.021, 326.990



49, 32.013, 346.617



32, 6.267, 324.915



34, 76.022, 328.228



2, 9.704, 324.435

Inverse Universe

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



48, 28.750, 23.246



57, 44.441, 24.916



61, 30.672, 158.889



32, 3.629, 19.894



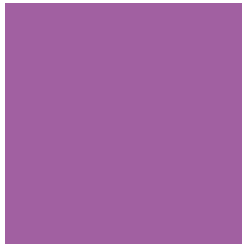
30, 68.059, 39.260



1, 5.464, 19.397

Previews

White Background



This preview shows how the CIELCh color 50, 43.997, 326.553 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, 43.997, 326.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

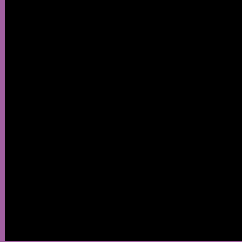
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 43.997, 326.553

Background



This preview shows how black text looks on a background with the CIELCh color 50, 43.997, 326.553.

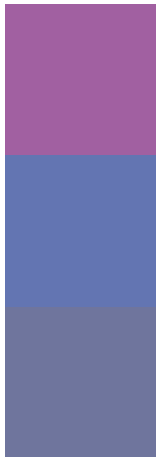


This preview shows how white text looks on a background with the CIELCh color 50, 43.997, 326.553.

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
50, 43.997, 326.553

Protanopia
50, 35.827, 285.794

Deuteranopia
50, 23.439, 288.094



Tritanopia
50, 21.067, 9.511

Trichromacy



Original Color
50, 43.997, 326.553

Protanomaly
49, 37.277, 300.821

Deuteranomaly
50, 29.738, 307.495

Tritanomaly
50, 27.425, 345.382

Monochromacy



Original Color
50, 43.997, 326.553

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 16.882, 325.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 43.997, 326.553 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(161, 96, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 96, 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(161, 96, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 96, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 43.997, 326.553 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(161, 96, 161) }
```

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

```
.border{ border-color:rgb(161, 96, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 96, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 96, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 96, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 96,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 43.997, 326.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 96, 161) }
```

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

```
.background{ background-color: rgb(161, 96,  
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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