

Converting Colors

CIELCh(50, 43.957, 314.944)

Have a look what the booklet for
CIELCh(50, 43.957, 314.944)
contains.

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Color

CIELCh(50, 44.106, 314.928)

Conversions

Conversions Part 1

Format	Color
Hex	9165AC
RGB	145, 101, 172
RGB Percent	57%, 40%, 67%
CMY	0.4299, 0.6026, 0.3240
CMYK	0.16, 0.41, 0.00, 0.32
HSL	277°, 30%, 54%
HSV	277°, 41%, 68%
XYZ	23.9094, 18.4187, 41.5100
YIQ	122.2500, 3.4330, 31.4090

Conversions

Conversions Part 2

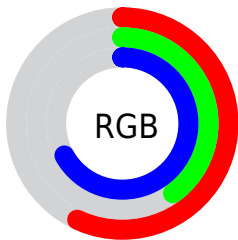
Format	Color
R_{YB}	145, 101, 172
Decimal	9528748
CIE _{Lab}	50.00, 31.15, -31.23
CIE _{LCh}	50, 44.106, 314.928
Yxy	18.4187, 0.2852, 0.2197
Android (android.graphics.Color)	4287718828 (0xFF9165AC)
YUV	122.2500, 24.5267, 19.9518
Hunter-Lab	42.9170, 24.3391, -27.3045

Details

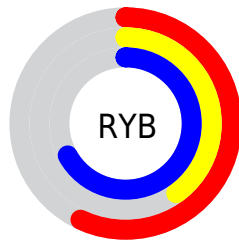
The CIELCh color $50, 44.106, 314.928$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $66, 42.322, 131.229$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 44.092, 314.809$, and $30, 43.742, 315.000$ is the 20% darker color. If you saturate the color by 10%, you get $45, 54.805, 315.335$, and if you desaturate by 10%, it is $55, 33.224, 314.485$.

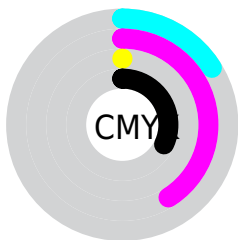
Distribution



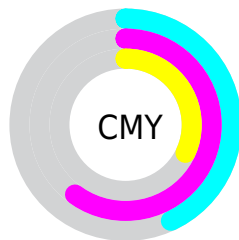
- Red (57%)
- Green (40%)
- Blue (67%)



- Red (57%)
- Yellow (40%)
- Blue (67%)



- Cyan (16%)
- Magenta (41%)
- Yellow (0%)
- Black (32%)



- Cyan (43%)
- Magenta (60%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 44.106, 314.928 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, 44.106, 314.928 by changing the saturation by 10% instead.

 50, 44.106,
314.928

 50, 44.106,
314.928

 100, 44.106,
314.928


 40, 44.106,
314.928


 70, 44.106,
314.928

 30, 44.106,
314.928

 80, 44.106,
314.928

 20, 44.106,
314.928

 90, 44.106,
314.928

 10, 44.106,
314.928

 0, 44.106, 314.928

 50, 44.106,
314.928

 50, 44.106,
314.928

45, 54.805,
315.335

55, 33.224,
314.485

41, 64.998,
315.662

60, 22.378,
314.033

37, 74.214,
315.849

65, 11.696,
313.591

34, 81.869,
315.822

70, 1.250, 313.077

75, 8.920, 132.822

31, 87.375,
315.499

80, 18.801,
132.464

30, 90.664,
315.015

85, 28.389,
132.145

90, 37.690,
131.860

95, 45.865,
131.407

Harmonies

Complementary

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



50, 44.106, 314.928



66, 42.322, 131.229

Rectangle

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



50, 44.106, 314.928



50, 44.106, 4.928



50, 44.106, 134.928



50, 44.106, 184.928

Sweetspot

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



50, 44.104, 314.928



82, 15.539, 313.635



53, 26.373, 273.950



42, 10.309, 313.689



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



50, 44.104, 314.928



59, 65.020, 315.284



53, 43.840, 330.193



34, 5.924, 313.508



25, 81.961, 315.131



1, 12.113, 309.905

Inverse Universe

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



52, 32.233, 355.316



62, 47.375, 356.763



65, 43.888, 144.548



34, 4.305, 351.435



31, 57.322, 12.638



2, 8.602, 355.259

Previews

White Background



This preview shows how the CIELCh color 50, 44.106, 314.928 looks on a white background.

Color Contrast Check

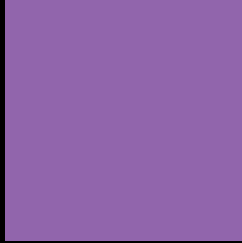
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 44.106, 314.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

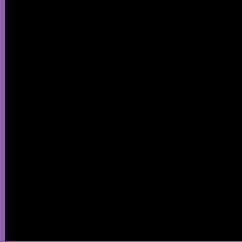
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 44.106, 314.928

Background



This preview shows how black text looks on a background with the CIELCh color 50, 44.106, 314.928.



This preview shows how white text looks on a background with the CIELCh color 50, 44.106, 314.928.

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, 44.106, 314.928

Protanopia

50, 39.954, 285.435

Deuteranopia

50, 30.079, 283.526



Tritanopia
50, 11.474, 353.640

Trichromacy



Original Color
50, 44.106, 314.928

Protanomaly
50, 40.449, 296.047

Deuteranomaly
50, 34.085, 297.176

Tritanomaly
50, 22.439, 325.643

Monochromacy



Original Color
50, 44.106, 314.928

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 16.446, 313.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 44.106, 314.928 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(145, 101, 172)` looks like.

```
.text, #text, p{  
    color:rgb(145, 101, 172)  
}
```

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(145, 101, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 101, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 44.106, 314.928 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(145, 101, 172) }
```

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

```
.border{ border-color:rgb(145, 101, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 101, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 101, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 101, 172);  
box-shadow:4px 4px 4px 4px rgb(145, 101,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 44.106, 314.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 101, 172) }
```

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

```
.background{ background-color: rgb(145,  
101, 172) }
```

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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