

Converting Colors

CIELCh(50, 25.516, 321.999)

Have a look what the booklet for
CIELCh(50, 25.516, 321.999)
contains.

CIELCh(50, 25.516, 321.999)	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(50, 25.516, 321.999)

Conversions

Conversions Part 1

Format	Color
Hex	8D6C92
RGB	141, 108, 146
RGB Percent	55%, 42%, 57%
CMY	0.4476, 0.5770, 0.4280
CMYK	0.03, 0.26, 0.00, 0.43
HSL	292°, 15%, 50%
HSV	292°, 26%, 57%
XYZ	21.4868, 18.4187, 29.5601
YIQ	122.1990, 7.4700, 18.8140

Conversions

Conversions Part 2

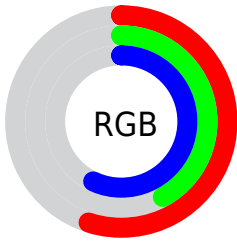
Format	Color
R _Y B	141, 108, 146
Decimal	9268370
CIE Lab	50.00, 20.11, -15.71
CIE LCh	50, 25.516, 321.999
Yxy	18.4187, 0.3093, 0.2651
Android (android.graphics.Color)	4287458450 (0xFF8D6C92)
YUV	122.1990, 11.7339, 16.4885
Hunter-Lab	42.9170, 14.2633, -10.7956

Details

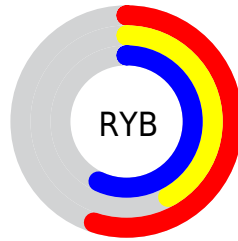
The CIELCh color $50, 25.516, 321.999$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 25.329, 139.405$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 25.342, 321.940$, and $30, 25.302, 322.064$ is the 20% darker color. If you saturate the color by 10%, you get $46, 35.288, 322.440$, and if you desaturate by 10%, it is $54, 15.655, 321.538$.

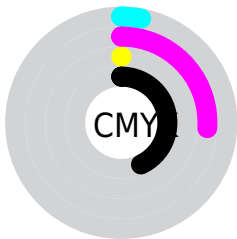
Distribution



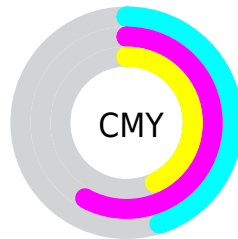
- Red (55%)
- Green (42%)
- Blue (57%)



- Red (55%)
- Yellow (42%)
- Blue (57%)



- Cyan (3%)
- Magenta (26%)
- Yellow (0%)
- Black (43%)





- Cyan (45%)
- Magenta (58%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 25.516, 321.999 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, 25.516, 321.999 by changing the saturation by 10% instead.


 50, 25.516,
321.999


 50, 25.516,
321.999


 100, 25.516,
321.999


 40, 25.516,
321.999


 70, 25.516,
321.999

 30, 25.516,
321.999


 80, 25.516,
321.999


 20, 25.516,
321.999

 90, 25.516,
321.999

 10, 25.516,
321.999

 0, 25.516, 321.999

 50, 25.516,
321.999

 50, 25.516,
321.999

46, 35.288,
322.440

54, 15.655,
321.538

43, 44.759,
322.844

58, 5.858, 321.060

39, 53.634,
323.185

62, 3.781, 140.688

37, 61.548,
323.435

66, 13.202,
140.220

34, 68.098,
323.562

71, 22.375,
139.802

32, 72.927,
323.537

75, 31.285,
139.413

31, 75.933,
323.348

79, 39.929,
139.050

31, 76.962,
323.263

83, 48.314,
138.714

88, 56.447,
138.404

Harmonies

Complementary

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



50, 25.516, 321.999



57, 25.329, 139.405

Rectangle

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



50, 25.516, 321.999



50, 25.516, 11.999



50, 25.516, 141.999



50, 25.516, 191.999

Sweetspot

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



50, 25.514, 321.999



72, 9.577, 321.164



48, 19.438, 287.413



37, 6.791, 321.231



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



50, 25.514, 321.999



61, 37.477, 322.249



50, 20.547, 339.064



29, 5.548, 321.215



29, 73.797, 323.288



1, 4.819, 320.813

Inverse Universe

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



49, 16.217, 11.164



60, 24.166, 11.913



57, 20.240, 155.036



29, 3.388, 9.307



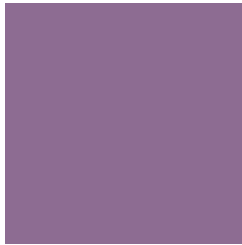
28, 60.670, 32.814



1, 2.887, 8.596

Previews

White Background



This preview shows how the CIELCh color 50, 25.516, 321.999 looks on a white background.

Color Contrast Check

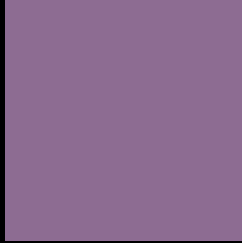
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 50, 25.516, 321.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

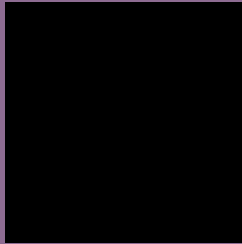
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 25.516, 321.999

Background



This preview shows how black text looks on a background with the CIELCh color 50, 25.516, 321.999.



This preview shows how white text looks on a background with the CIELCh color 50, 25.516, 321.999.

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, 25.516, 321.999

Protanopia

50, 20.580, 284.990

Deuteranopia

50, 15.824, 293.528



Tritanopia
50, 11.474, 353.640

Trichromacy



Original Color
50, 25.516, 321.999

Protanomaly
50, 21.326, 299.651

Deuteranomaly
50, 18.784, 306.173

Tritanomaly
50, 16.149, 335.058

Monochromacy



Original Color
50, 25.516, 321.999

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 9.483, 320.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 25.516, 321.999 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(141, 108, 146)` looks like.

```
.text, #text, p{  
    color:rgb(141, 108, 146)  
}
```

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(141, 108, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 108, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 25.516, 321.999 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(141, 108, 146) }
```

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

```
.border{ border-color:rgb(141, 108, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 108, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 108, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 108, 146); box-shadow:4px 4px 4px 4px rgb(141, 108, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 25.516, 321.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 108, 146) }
```

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

```
.background{ background-color: rgb(141,  
108, 146) }
```

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