

Converting Colors

CIELCh(44, 36.638, 326.405)

Have a look what the booklet for
CIELCh(44, 36.638, 326.405)
contains.

| | |
|--|----|
| CIELCh(44, 36.329, 326.397) | 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(44, 36.329, 326.397)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8A568A |
| RGB | 138, 86, 138 |
| RGB Percent | 54%, 34%, 54% |
| CMY | 0.4597, 0.6635, 0.4596 |
| CMYK | 0.00, 0.38, 0.00, 0.46 |
| HSL | 300°, 23%, 44% |
| HSV | 300°, 38%, 54% |
| XYZ | 18.3306, 13.8382, 25.6709 |
| YIQ | 107.4760, 14.3000, 27.1960 |

Conversions

Conversions Part 2

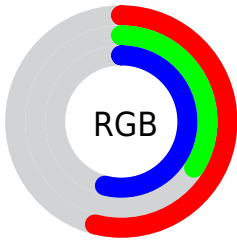
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 138, 86, 138 |
| Decimal | 9066122 |
| CIE _{Lab} | 44.00, 30.26, -20.11 |
| CIE _{LCh} | 44, 36.329, 326.397 |
| Yxy | 13.8382, 0.3169, 0.2393 |
| Android (android.graphics.Color) | 4287256202 (0xFF8A568A) |
| YUV | 107.4760, 15.0483, 26.7695 |
| Hunter-Lab | 37.1997, 22.8582, -14.8752 |

Details

The CIELCh color $44, 36.329, 326.397$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $53, 36.372, 141.745$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 36.349, 325.982$, and $24, 36.692, 326.530$ is the 20% darker color. If you saturate the color by 10%, you get $41, 45.332, 326.865$, and if you desaturate by 10%, it is $47, 26.854, 325.893$.

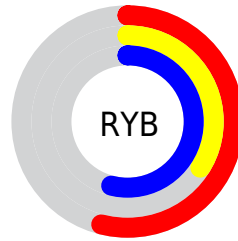
Distribution



Red (54%)

Green (34%)

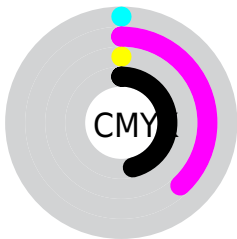
Blue (54%)



Red (54%)

Yellow (34%)

Blue (54%)

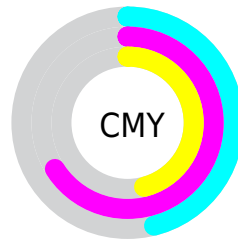


Cyan (0%)

Magenta (38%)

Yellow (0%)

Black (46%)



Cyan (46%)


Magenta (66%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 36.329, 326.397 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 44, 36.329, 326.397 by changing the saturation by 10% instead.


 44, 36.329,
326.397


 44, 36.329,
326.397


 100, 36.329,
326.397

 34, 36.329,
326.397

 64, 36.329,
326.397


 24, 36.329,
326.397

 74, 36.329,
326.397

 14, 36.329,
326.397

 84, 36.329,
326.397

 4, 36.329, 326.397

 94, 36.329,
326.397

 0, 36.329, 326.397

 44, 36.329,

 44, 36.329,

326.397

41, 45.332,
326.865

38, 53.555,
327.282

36, 60.645,
327.633

34, 66.272,
327.905

33, 70.204,
328.092

32, 72.616,
328.206

32, 73.124,
328.229

326.397

47, 26.854,
325.893

51, 17.166,
325.367

54, 7.450, 324.822

58, 2.163, 144.412

62, 11.587,
143.823

66, 20.772,
143.316

70, 29.691,
142.836

74, 38.333,
142.382

■ 78, 46.698,
141.954

Harmonies

Complementary

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



44, 36.329, 326.397



53, 36.372, 141.745

Rectangle

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



44, 36.329, 326.397



44, 36.329, 16.397



44, 36.329, 146.397



44, 36.329, 196.397

Sweetspot

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



44, 36.327, 326.397



68, 13.123, 325.017



39, 31.334, 294.317



35, 8.788, 325.079



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



44, 36.327, 326.397



54, 52.960, 326.786



43, 26.371, 346.237



27, 5.441, 324.902



31, 71.116, 328.229



0, 2.512, 324.436

Inverse Universe

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



42, 23.403, 22.771



51, 35.407, 24.063



53, 25.334, 159.268



27, 3.148, 19.877



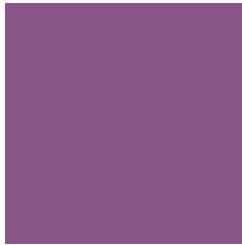
27, 63.126, 38.655



0, 1.414, 19.398

Previews

White Background



This preview shows how the CIELCh color 44, 36.329, 326.397 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 CIE LCh color 44, 36.329, 326.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

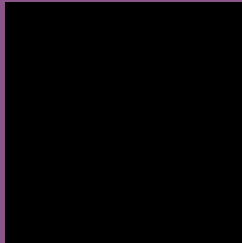
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 36.329, 326.397

Background



This preview shows how black text looks on a background with the CIELCh color 44, 36.329, 326.397.



This preview shows how white text looks on a background with the CIELCh color 44, 36.329, 326.397.

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

44, 36.329, 326.397

Protanopia

44, 28.890, 285.091

Deuteranopia

44, 19.198, 287.503



Tritanopia
44, 17.180, 7.897

Trichromacy



Original Color
44, 36.329, 326.397

Protanomaly
44, 29.709, 300.891

Deuteranomaly
44, 24.159, 306.531

Tritanomaly
44, 22.489, 345.324

Monochromacy



Original Color
44, 36.329, 326.397

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 13.722, 325.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 36.329, 326.397 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(138, 86, 138)` looks like.

```
.text, #text, p{  
    color:rgb(138, 86, 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(138, 86, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 86, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 36.329, 326.397 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(138, 86, 138) }
```

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

```
.border{ border-color:rgb(138, 86, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 86, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 86, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 86, 138);  
box-shadow:4px 4px 4px 4px rgb(138, 86,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 36.329, 326.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 86, 138) }
```

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

```
.background{ background-color: rgb(138, 86,  
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](#).

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