

Converting Colors

CIELCh(44, 36.381, 340.974)

Have a look what the booklet for
CIELCh(44, 36.381, 340.974)
contains.

CIELCh(44, 36.533, 341.424)	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, 36.533, 341.424)

Conversions

Conversions Part 1

Format	Color
Hex	96517C
RGB	150, 81, 124
RGB Percent	59%, 32%, 49%
CMY	0.4115, 0.6821, 0.5135
CMYK	0.00, 0.46, 0.17, 0.41
HSL	323°, 30%, 45%
HSV	323°, 46%, 59%
XYZ	19.1754, 13.8382, 20.7463
YIQ	106.5330, 27.3210, 28.0010

Conversions

Conversions Part 2

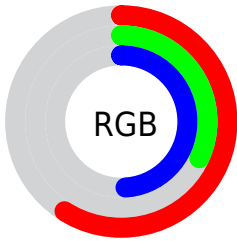
Format	Color
R_{YB}	150, 81, 124
Decimal	9851260
CIE _{Lab}	44.00, 34.63, -11.64
CIE _{LCh}	44, 36.533, 341.424
Yxy	13.8382, 0.3567, 0.2574
Android (android.graphics.Color)	4288041340 (0xFF96517C)
YUV	106.5330, 8.6112, 38.1206
Hunter-Lab	37.1997, 26.9120, -7.0263

Details

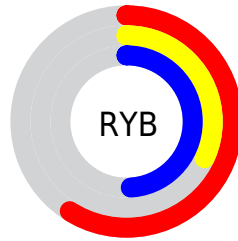
The CIELCh color $44, 36.533, 341.424$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 35.744, 153.304$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 36.887, 341.260$, and $24, 36.444, 341.442$ is the 20% darker color. If you saturate the color by 10%, you get $41, 43.640, 342.537$, and if you desaturate by 10%, it is $48, 28.831, 340.438$.

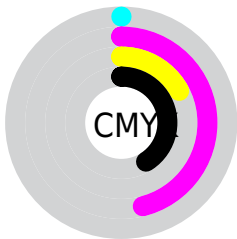
Distribution



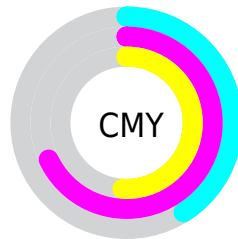
- Red (59%)
- Green (32%)
- Blue (49%)



- Red (59%)
- Yellow (32%)
- Blue (49%)



- Cyan (0%)
- Magenta (46%)
- Yellow (17%)
- Black (41%)



- Cyan (41%)
- Magenta (68%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 36.533, 341.424 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, 36.533, 341.424 by changing the saturation by 10% instead.


 44, 36.533,
341.424

 44, 36.533,
341.424


 100, 36.533,
341.424

 34, 36.533,
341.424

 64, 36.533,
341.424


 24, 36.533,
341.424

 74, 36.533,
341.424

 14, 36.533,
341.424


 84, 36.533,
341.424

 4, 36.533, 341.424

 94, 36.533,
341.424

 0, 36.533, 341.424

 44, 36.533,

 44, 36.533,

341.424

341.424

41, 43.640,
342.537

48, 28.831,
340.438

38, 49.796,
343.823

51, 20.834,
339.545

36, 54.613,
345.348

55, 12.754,
338.723

34, 57.774,
347.202

60, 4.735, 337.933

33, 59.228,
349.473

64, 3.131, 157.391

32, 59.666,
350.430

68, 10.794,
156.674

72, 18.228,
156.055

77, 25.426,
155.481

■ 81, 32.392,
154.945

Harmonies

Complementary

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



44, 36.533, 341.424



57, 35.744, 153.304

Rectangle

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



44, 36.533, 341.424



44, 36.533, 31.424



44, 36.533, 161.424



44, 36.533, 211.424

Sweetspot

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



44, 36.531, 341.425



71, 13.745, 338.588



40, 42.898, 307.172



36, 9.475, 338.743



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



44, 36.531, 341.425



53, 52.802, 342.549



43, 30.693, 14.188



29, 4.430, 338.189



30, 56.124, 350.197



1, 3.842, 337.566

Inverse Universe

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



44, 36.531, 341.425



53, 52.802, 342.549



58, 24.230, 184.585



29, 4.430, 338.189



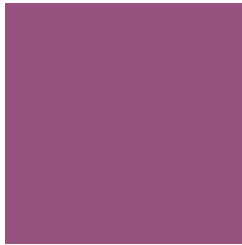
30, 56.124, 350.197



1, 3.842, 337.566

Previews

White Background



This preview shows how the CIELCh color 44, 36.533, 341.424 looks on a white background.

Color Contrast Check

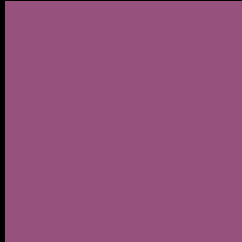
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 36.533, 341.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

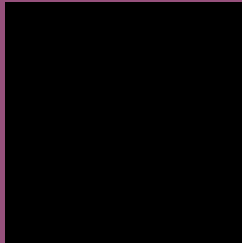
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 36.533, 341.424

Background



This preview shows how black text looks on a background with the CIELCh color 44, 36.533, 341.424.

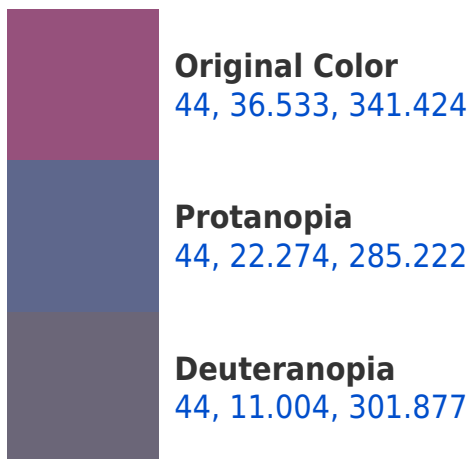


This preview shows how white text looks on a background with the CIELCh color 44, 36.533, 341.424.

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
44, 26.528, 14.495

Trichromacy



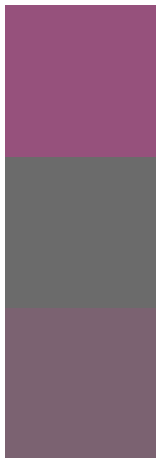
Original Color
44, 36.533, 341.424

Protanomaly
43, 24.593, 309.999

Deuteranomaly
44, 19.867, 327.626

Tritanomaly
44, 28.728, 359.810

Monochromacy



Original Color
44, 36.533, 341.424

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 13.599, 340.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 36.533, 341.424 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(150, 81, 124)` looks like.

```
.text, #text, p{  
    color:rgb(150, 81, 124)  
}
```

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(150, 81, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 81, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 36.533, 341.424 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(150, 81, 124) }
```

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

```
.border{ border-color:rgb(150, 81, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 81, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 81, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 81, 124);  
box-shadow:4px 4px 4px 4px rgb(150, 81,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 36.533, 341.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 81, 124) }
```

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

```
.background{ background-color: rgb(150, 81,  
124) }
```

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