

Converting Colors

CIELCh(44, 43.612, 337.928)

Have a look what the booklet for
CIELCh(44, 43.612, 337.928)
contains.

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Color

CIELCh(44, 43.547, 337.762)

Conversions

Conversions Part 1

Format	Color
Hex	9B4C84
RGB	155, 76, 132
RGB Percent	61%, 30%, 52%
CMY	0.3916, 0.7014, 0.4818
CMYK	0.00, 0.51, 0.15, 0.39
HSL	317°, 34%, 45%
HSV	317°, 51%, 61%
XYZ	20.3110, 13.8382, 23.4769
YIQ	106.0050, 29.1080, 34.1640

Conversions

Conversions Part 2

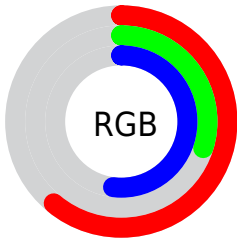
Format	Color
R_{YB}	155, 76, 132
Decimal	10177668
CIE _{Lab}	44.00, 40.31, -16.48
CIE _{LCh}	44, 43.547, 337.762
Yxy	13.8382, 0.3525, 0.2401
Android (android.graphics.Color)	4288367748 (0xFF9B4C84)
YUV	106.0050, 12.8155, 42.9686
Hunter-Lab	37.1997, 32.3611, -11.3784

Details

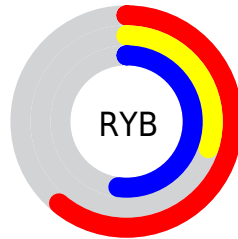
The CIELCh color $44, 43.547, 337.762$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 43.254, 149.254$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 43.259, 337.825$, and $24, 43.118, 337.796$ is the 20% darker color. If you saturate the color by 10%, you get $41, 50.705, 338.710$, and if you desaturate by 10%, it is $47, 35.529, 336.899$.

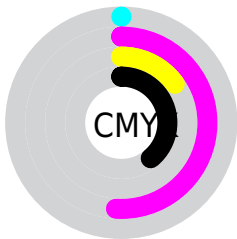
Distribution



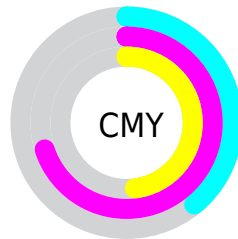
- Red (61%)
- Green (30%)
- Blue (52%)



- Red (61%)
- Yellow (30%)
- Blue (52%)



- Cyan (0%)
- Magenta (51%)
- Yellow (15%)
- Black (39%)



- Cyan (39%)
- Magenta (70%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 43.547, 337.762 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, 43.547, 337.762 by changing the saturation by 10% instead.


 44, 43.547,
337.762


 44, 43.547,
337.762


 100, 43.547,
337.762

 34, 43.547,
337.762

 64, 43.547,
337.762

 24, 43.547,
337.762

 74, 43.547,
337.762

 14, 43.547,
337.762

 84, 43.547,
337.762

 4, 43.547, 337.762

 94, 43.547,
337.762

 0, 43.547, 337.762

 44, 43.547,

 44, 43.547,

337.762

337.762

41, 50.705,
338.710

47, 35.529,
336.899

38, 56.608,
339.774

51, 27.010,
336.098

36, 60.874,
341.002

55, 18.263,
335.346

35, 63.259,
342.458

59, 9.483, 334.629

34, 64.210,
343.961

64, 0.802, 333.649

68, 7.700, 153.406

72, 15.979,
152.796

77, 24.014,
152.232

81, 31.800,

Harmonies

Complementary

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



44, 43.547, 337.762



58, 43.254, 149.254

Rectangle

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



44, 43.547, 337.762



44, 43.547, 27.762



44, 43.547, 157.762



44, 43.547, 207.762

Sweetspot

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



44, 43.545, 337.762



73, 16.153, 334.939



38, 48.907, 305.096



38, 11.120, 335.080



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



44, 43.545, 337.762



53, 62.532, 338.837



43, 35.159, 8.896



30, 4.844, 334.508



31, 59.746, 343.781



1, 5.154, 334.409

Inverse Universe

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



44, 43.545, 337.762



53, 62.532, 338.837



59, 28.664, 176.925



30, 4.844, 334.508



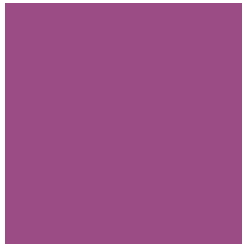
31, 59.746, 343.781



1, 5.154, 334.409

Previews

White Background



This preview shows how the CIELCh color 44, 43.547, 337.762 looks on a white background.

Color Contrast Check

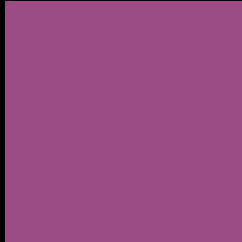
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.547, 337.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

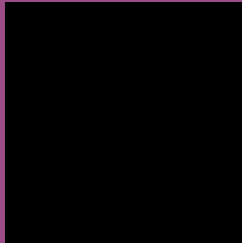
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 43.547, 337.762

Background



This preview shows how black text looks on a background with the CIELCh color 44, 43.547, 337.762.

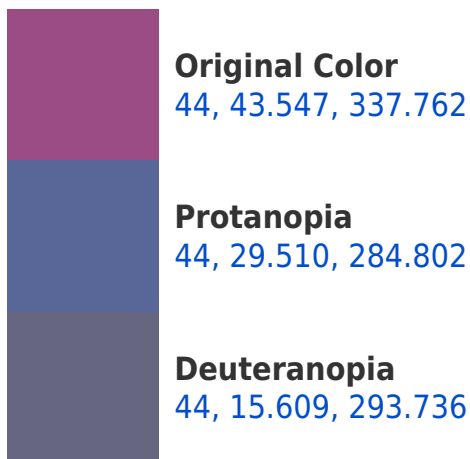


This preview shows how white text looks on a background with the CIELCh color 44, 43.547, 337.762.

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, 29.293, 16.981

Trichromacy



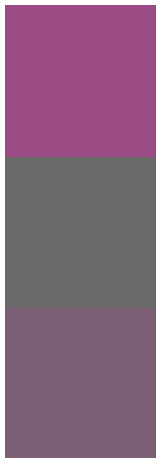
Original Color
44, 43.547, 337.762

Protanomaly
43, 32.106, 306.386

Deuteranomaly
44, 24.863, 319.524

Tritanomaly
44, 32.421, 359.025

Monochromacy



Original Color
44, 43.547, 337.762

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 17.184, 334.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 43.547, 337.762 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(155, 76, 132)` looks like.

```
.text, #text, p{  
    color:rgb(155, 76, 132)  
}
```

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(155, 76, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 76, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 43.547, 337.762 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(155, 76, 132) }
```

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

```
.border{ border-color:rgb(155, 76, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 76, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 76, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 76, 132);  
box-shadow:4px 4px 4px 4px rgb(155, 76,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 43.547, 337.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 76, 132) }
```

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

```
.background{ background-color: rgb(155, 76,  
132) }
```

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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