

Converting Colors

CIELCh(44, 61.588, 324.078)

Have a look what the booklet for
CIELCh(44, 61.588, 324.078)
contains.

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Color

CIELCh(44, 61.958, 324.168)

Conversions

Conversions Part 1

Format	Color
Hex	9B44A5
RGB	155, 68, 165
RGB Percent	61%, 27%, 65%
CMY	0.3919, 0.7330, 0.3527
CMYK	0.06, 0.59, 0.00, 0.35
HSL	294°, 42%, 46%
HSV	294°, 59%, 65%
XYZ	22.4017, 13.8382, 37.1226
YIQ	105.0710, 20.7150, 48.6110

Conversions

Conversions Part 2

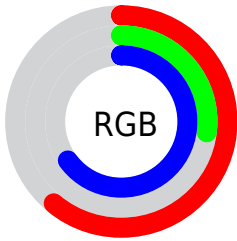
Format	Color
R _Y B	155, 68, 165
Decimal	10175653
CIE _{Lab}	44.00, 50.23, -36.27
CIE _{LCh}	44, 61.958, 324.168
Y _{xy}	13.8382, 0.3054, 0.1886
Android (android.graphics.Color)	4288365733 (0xFF9B44A5)
Y _{UV}	105.0710, 29.5450, 43.7877
Hunter-Lab	37.1997, 42.3933, -33.1272

Details

The CIELCh color `44, 61.958, 324.168` is a dark color, and the websafe version is hex `993399`. A complement of this color would be `61, 61.743, 137.536`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 61.700, 324.400`, and `24, 62.168, 324.100` is the 20% darker color. If you saturate the color by 10%, you get `41, 70.160, 324.403`, and if you desaturate by 10%, it is `47, 52.485, 323.835`.

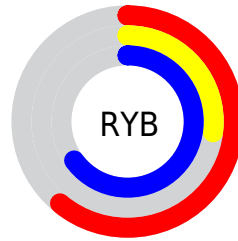
Distribution



Red (61%)

Green (27%)

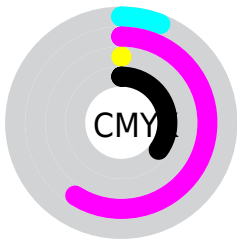
Blue (65%)



Red (61%)

Yellow (27%)

Blue (65%)

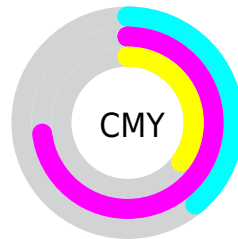


Cyan (6%)

Magenta (59%)

Yellow (0%)

Black (35%)



Cyan (39%)

Magenta (73%)

Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 61.958, 324.168 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, 61.958, 324.168 by changing the saturation by 10% instead.

 44, 61.958,
324.168


 44, 61.958,
324.168


 100, 61.958,
324.168


 34, 61.958,
324.168

 64, 61.958,
324.168


 24, 61.958,
324.168

 74, 61.958,
324.168

 14, 61.958,
324.168

 84, 61.958,
324.168

 4, 61.958, 324.168

 94, 61.958,
324.168

 0, 61.958, 324.168

 44, 61.958,

 44, 61.958,

324.168

■ 41, 70.160,
324.403

■ 39, 76.662,
324.512

■ 37, 81.133,
324.473

■ 36, 83.743,
324.296

■ 36, 84.039,
324.273

324.168

■ 47, 52.485,
323.835

■ 51, 42.180,
323.433

■ 55, 31.406,
322.985

■ 59, 20.443,
322.511

■ 64, 9.490, 322.022

■ 68, 1.321, 141.724

■ 73, 11.908,
141.129

■ 78, 22.223,
140.683

■ 82, 32.243,
140.265

Harmonies

Complementary

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



44, 61.958, 324.168



61, 61.743, 137.536

Rectangle

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



44, 61.958, 324.168



44, 61.958, 14.168



44, 61.958, 144.168



44, 61.958, 194.168

Sweetspot

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



44, 61.956, 324.168



76, 24.242, 322.490



37, 52.612, 294.688



38, 16.834, 322.624



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



44, 61.956, 324.168



52, 88.228, 324.457



44, 48.888, 343.289



32, 6.073, 322.047



31, 76.541, 324.313



1, 9.306, 320.774

Inverse Universe

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



42, 43.410, 19.490



50, 65.230, 23.718



61, 48.046, 151.791



32, 3.657, 11.587



30, 64.439, 34.771



1, 5.524, 11.687

Previews

White Background



This preview shows how the CIELCh color 44, 61.958, 324.168 looks on a white background.

Color Contrast Check

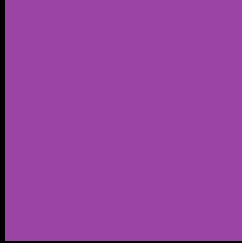
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.958, 324.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

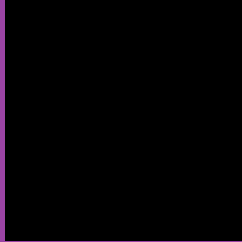
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 61.958, 324.168

Background



This preview shows how black text looks on a background with the CIELCh color 44, 61.958, 324.168.

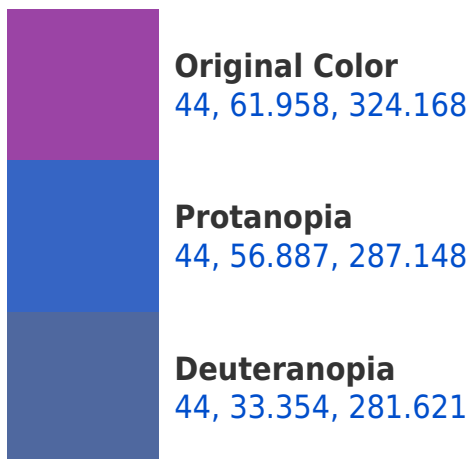


This preview shows how white text looks on a background with the CIELCh color 44, 61.958, 324.168.

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, 25.624, 15.313

Trichromacy



Original Color
44, 61.958, 324.168

Protanomaly
43, 57.580, 298.276

Deuteranomaly
43, 42.495, 302.729

Tritanomaly
44, 34.981, 344.006

Monochromacy



Original Color
44, 61.958, 324.168

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 24.215, 322.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 61.958, 324.168 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, 68, 165)` looks like.

```
.text, #text, p{  
    color:rgb(155, 68, 165)  
}
```

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, 68, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 68, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 61.958, 324.168 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, 68, 165) }
```

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

```
.border{ border-color:rgb(155, 68, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 68, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 68, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 68, 165); box-shadow:4px 4px 4px 4px rgb(155, 68, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 61.958, 324.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 68, 165) }
```

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

```
.background{ background-color: rgb(155, 68,  
165) }
```

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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