

Converting Colors

CIELCh(44, 63.532, 327.586)

Have a look what the booklet for
CIELCh(44, 63.532, 327.586)
contains.

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Color

CIELCh(44, 63.420, 327.749)

Conversions

Conversions Part 1

Format	Color
Hex	A23FA1
RGB	162, 63, 161
RGB Percent	64%, 25%, 63%
CMY	0.3642, 0.7525, 0.3682
CMYK	0.00, 0.61, 0.01, 0.36
HSL	301°, 44%, 44%
HSV	301°, 61%, 64%
XYZ	23.1506, 13.8382, 35.2206
YIQ	103.7730, 27.5460, 51.4660

Conversions

Conversions Part 2

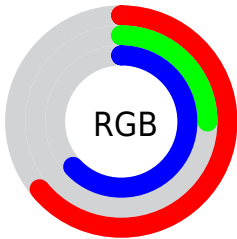
Format	Color
R_{YB}	162, 63, 161
Decimal	10633121
CIE _{Lab}	44.00, 53.64, -33.84
CIE _{LCh}	44, 63.420, 327.749
Yxy	13.8382, 0.3206, 0.1916
Android (android.graphics.Color)	4288823201 (0xFFA23FA1)
YUV	103.7730, 28.2129, 51.0651
Hunter-Lab	37.1997, 45.9866, -30.0958

Details

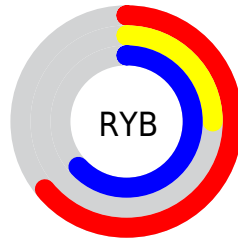
The CIELCh color $44, 63.420, 327.749$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $59, 64.144, 139.472$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 63.229, 327.749$, and $24, 61.847, 327.542$ is the 20% darker color. If you saturate the color by 10%, you get $42, 70.787, 328.089$, and if you desaturate by 10%, it is $47, 54.573, 327.340$.

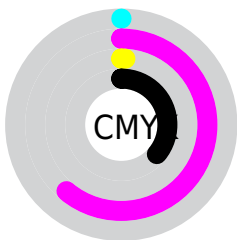
Distribution



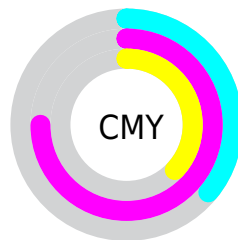
- Red (64%)
- Green (25%)
- Blue (63%)



- Red (64%)
- Yellow (25%)
- Blue (63%)



- Cyan (0%)
- Magenta (61%)
- Yellow (1%)
- Black (36%)



- Cyan (36%)
- Magenta (75%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 63.420, 327.749 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, 63.420, 327.749 by changing the saturation by 10% instead.

 44, 63.420,
327.749


 44, 63.420,
327.749


 100, 63.420,
327.749

 34, 63.420,
327.749

 64, 63.420,
327.749

 24, 63.420,
327.749

 74, 63.420,
327.749

 14, 63.420,
327.749

 84, 63.420,
327.749

 4, 63.420, 327.749

 94, 63.420,
327.749

 0, 63.420, 327.749

 44, 63.420,

 44, 63.420,

327.749

■ 42, 70.787,
328.089

■ 40, 76.327,
328.349

■ 39, 79.851,
328.527

■ 38, 81.710,
328.635

327.749

■ 47, 54.573,
327.340

■ 50, 44.664,
326.875

■ 54, 34.083,
326.369

■ 58, 23.154,
325.838

■ 62, 12.124,
325.290

■ 66, 1.167, 324.579

■ 71, 9.601, 144.264

■ 75, 20.108,
143.739

■ 80, 30.318,
143.243

Harmonies

Complementary

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



44, 63.420, 327.749



59, 64.144, 139.472

Rectangle

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



44, 63.420, 327.749



44, 63.420, 17.749



44, 63.420, 147.749



44, 63.420, 197.749

Sweetspot

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



44, 63.418, 327.749



75, 24.567, 325.690



32, 61.825, 299.601



39, 17.216, 325.842



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, 63.418, 327.749



54, 88.814, 328.184



42, 46.720, 350.667



32, 6.224, 325.190



34, 75.431, 328.632



2, 9.615, 324.801

Inverse Universe

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



44, 63.418, 327.749



54, 88.814, 328.184



60, 44.242, 156.891



32, 6.224, 325.190



34, 75.431, 328.632



2, 9.615, 324.801

Previews

White Background



This preview shows how the CIELCh color 44, 63.420, 327.749 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, 63.420, 327.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

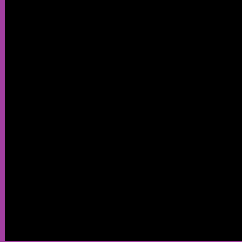
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 63.420, 327.749

Background



This preview shows how black text looks on a background with the CIELCh color 44, 63.420, 327.749.

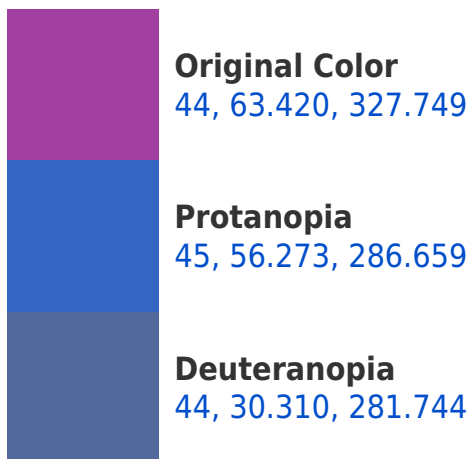


This preview shows how white text looks on a background with the CIELCh color 44, 63.420, 327.749.

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, 31.106, 17.712

Trichromacy



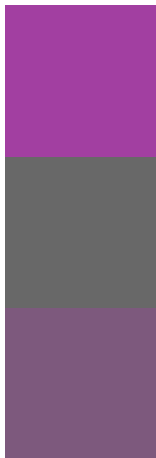
Original Color
44, 63.420, 327.749

Protanomaly
42, 57.072, 299.056

Deuteranomaly
43, 41.716, 306.095

Tritanomaly
44, 39.150, 349.480

Monochromacy



Original Color
44, 63.420, 327.749

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 25.747, 325.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 63.420, 327.749 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(162, 63, 161)` looks like.

```
.text, #text, p{  
    color:rgb(162, 63, 161)  
}
```

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(162, 63, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 63, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 63.420, 327.749 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(162, 63, 161) }
```

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

```
.border{ border-color:rgb(162, 63, 161) }
```

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

Here you see how a box with a 4 pixel rgb(162, 63, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 63, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 63, 161);  
box-shadow:4px 4px 4px 4px rgb(162, 63,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 63.420, 327.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 63, 161) }
```

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

```
.background{ background-color: rgb(162, 63,  
161) }
```

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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