

Converting Colors

CIELCh(44, 62.457, 337.624)

Have a look what the booklet for
CIELCh(44, 62.457, 337.624)
contains.

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Color

CIELCh(44, 62.516, 337.523)

Conversions

Conversions Part 1

Format	Color
Hex	AF3791
RGB	175, 55, 145
RGB Percent	69%, 22%, 57%
CMY	0.3146, 0.7852, 0.4321
CMYK	0.00, 0.69, 0.17, 0.31
HSL	315°, 52%, 45%
HSV	315°, 69%, 69%
XYZ	24.0817, 13.8382, 28.1097
YIQ	101.1400, 42.6300, 53.4300

Conversions

Conversions Part 2

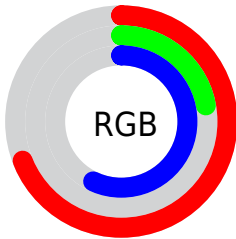
Format	Color
R _Y B	175, 55, 145
Decimal	11483025
CIE Lab	44.00, 57.77, -23.90
CIE LCh	44, 62.516, 337.523
Yxy	13.8382, 0.3647, 0.2096
Android (android.graphics.Color)	4289673105 (0xFFAF3791)
YUV	101.1400, 21.6230, 64.7752
Hunter-Lab	37.1997, 50.4544, -18.7622

Details

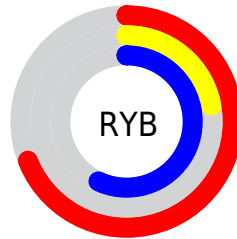
The CIELCh color **44, 62.516, 337.523** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **63, 63.893, 145.167**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 62.437, 337.450**, and **26, 56.243, 338.291** is the 20% darker color. If you saturate the color by 10%, you get **42, 67.659, 338.547**, and if you desaturate by 10%, it is **47, 55.579, 336.609**.

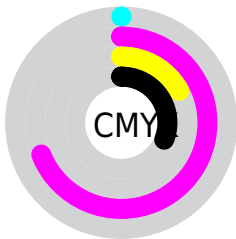
Distribution



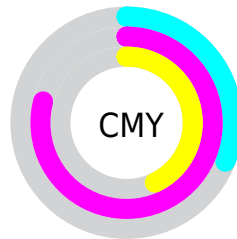
- Red (69%)
- Green (22%)
- Blue (57%)



- Red (69%)
- Yellow (22%)
- Blue (57%)



- Cyan (0%)
- Magenta (69%)
- Yellow (17%)
- Black (31%)





- Cyan (31%)
- Magenta (79%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 62.516, 337.523 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, 62.516, 337.523 by changing the saturation by 10% instead.


 44, 62.516,
337.523


 44, 62.516,
337.523


 100, 62.516,
337.523

 34, 62.516,
337.523


 64, 62.516,
337.523

 24, 62.516,
337.523


 74, 62.516,
337.523

 14, 62.516,
337.523

 84, 62.516,
337.523

 4, 62.516, 337.523

 94, 62.516,
337.523

 0, 62.516, 337.523

 44, 62.516,

 44, 62.516,

337.523

42, 67.659,
338.547

40, 70.712,
339.727

39, 71.848,
341.094

39, 71.965,
341.281

337.523

47, 55.579,
336.609

50, 47.293,
335.771

54, 38.102,
334.988


58, 28.392,
334.247

63, 18.460,
333.539

67, 8.517, 332.853

72, 1.300, 152.477

77, 10.906,
151.675

 82, 20.253,
151.091

Harmonies

Complementary

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



44, 62.516, 337.523



63, 63.893, 145.167

Rectangle

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



44, 62.516, 337.523



44, 62.516, 27.523



44, 62.516, 157.523



44, 62.516, 207.523

Sweetspot

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



44, 62.513, 337.523



78, 25.718, 333.728



33, 73.760, 305.696



40, 17.556, 333.918



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



44, 62.513, 337.523



53, 84.338, 339.086



42, 51.679, 9.876



34, 5.536, 332.897



33, 64.578, 341.084



2, 10.945, 335.633

Inverse Universe

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



44, 62.513, 337.523



53, 84.338, 339.086



64, 41.313, 170.434



34, 5.536, 332.897



33, 64.578, 341.084



2, 10.945, 335.633

Previews

White Background



This preview shows how the CIELCh color 44, 62.516, 337.523 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, 62.516, 337.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

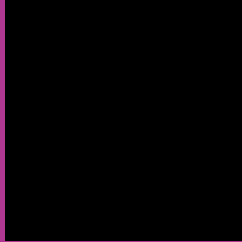
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 62.516, 337.523

Background



This preview shows how black text looks on a background with the CIELCh color 44, 62.516, 337.523.



This preview shows how white text looks on a background with the CIELCh color 44, 62.516, 337.523.

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, 62.516, 337.523

Protanopia

45, 49.147, 286.597

Deuteranopia

44, 20.999, 287.315



Tritanopia
44, 42.786, 22.581

Trichromacy



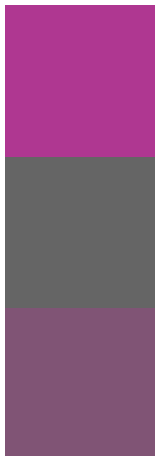
Original Color
44, 62.516, 337.523

Protanomaly
42, 51.663, 304.331

Deuteranomaly
42, 36.107, 318.217

Tritanomaly
44, 46.029, 1.505

Monochromacy



Original Color
44, 62.516, 337.523

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 26.359, 334.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 62.516, 337.523 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(175, 55, 145)` looks like.

```
.text, #text, p{  
    color:rgb(175, 55, 145)  
}
```

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(175, 55, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 55, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 62.516, 337.523 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(175, 55, 145) }
```

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

```
.border{ border-color:rgb(175, 55, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 55, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 55, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 55, 145); box-shadow:4px 4px 4px 4px rgb(175, 55, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 62.516, 337.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 55, 145) }
```

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

```
.background{ background-color: rgb(175, 55,  
145) }
```

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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