

Converting Colors

CIELCh(44, 62.977, 350.309)

Have a look what the booklet for
CIELCh(44, 62.977, 350.309)
contains.

CIELCh(44, 62.755, 350.361)	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, 62.755, 350.361)

Conversions

Conversions Part 1

Format	Color
Hex	BB2C7B
RGB	187, 44, 123
RGB Percent	73%, 17%, 48%
CMY	0.2660, 0.8266, 0.5170
CMYK	0.00, 0.76, 0.34, 0.27
HSL	327°, 62%, 45%
HSV	327°, 76%, 73%
XYZ	25.0306, 13.8382, 20.1410
YIQ	95.7630, 59.8690, 54.8850

Conversions

Conversions Part 2

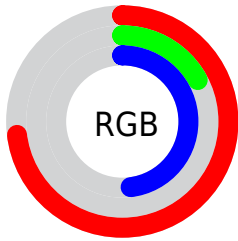
Format	Color
R_{YB}	187, 44, 123
Decimal	12266619
CIE _{Lab}	44.00, 61.87, -10.51
CIE _{LCh}	44, 62.755, 350.361
Yxy	13.8382, 0.4242, 0.2345
Android (android.graphics.Color)	4290456699 (0xFFBB2C7B)
YUV	95.7630, 13.4278, 80.0148
Hunter-Lab	37.1997, 55.0077, -6.0615

Details

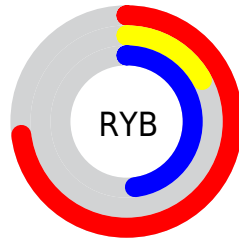
The CIELCh color **44, 62.755, 350.361** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **67, 62.237, 151.571**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 62.542, 350.621**, and **27, 52.411, 354.090** is the 20% darker color. If you saturate the color by 10%, you get **42, 66.199, 352.850**, and if you desaturate by 10%, it is **47, 57.351, 348.371**.

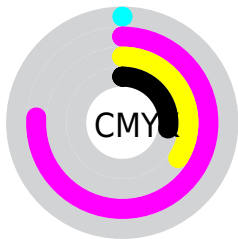
Distribution



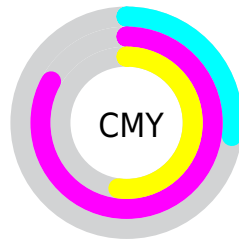
- Red (73%)
- Green (17%)
- Blue (48%)



- Red (73%)
- Yellow (17%)
- Blue (48%)



- Cyan (0%)
- Magenta (76%)
- Yellow (34%)
- Black (27%)





- Cyan (27%)
- Magenta (83%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 62.755, 350.361 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, 62.755, 350.361 by changing the saturation by 10% instead.


 44, 62.755,
350.361


 44, 62.755,
350.361


 100, 62.755,
350.361


 34, 62.755,
350.361

 64, 62.755,
350.361


 24, 62.755,
350.361

 74, 62.755,
350.361

 14, 62.755,
350.361

 84, 62.755,
350.361

 4, 62.755, 350.361

 94, 62.755,
350.361

 0, 62.755, 350.361

 44, 62.755,

 44, 62.755,

350.361

■ 42, 66.199,
352.850

■ 41, 67.665,
355.965

■ 41, 68.009,
357.178

350.361

■ 47, 57.351,
348.371

■ 50, 50.345,
346.745

■ 54, 42.199,
345.383

■ 58, 33.355,
344.211

■ 63, 24.173,
343.179

■ 68, 14.914,
342.250

■ 73, 5.750, 341.376

■ 78, 3.213, 160.792

■ 83, 11.919,
160.006

Harmonies

Complementary

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



44, 62.755, 350.361



67, 62.237, 151.571

Rectangle

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



44, 62.755, 350.361



44, 62.755, 40.361



44, 62.755, 170.361



44, 62.755, 220.361

Sweetspot

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



44, 62.752, 350.362



81, 25.956, 342.890



35, 84.917, 310.851



42, 18.140, 343.240



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



44, 62.752, 350.362



53, 81.807, 354.998



42, 63.898, 28.099



37, 5.160, 341.638



34, 60.135, 356.662



3, 14.392, 348.522

Inverse Universe

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



44, 62.752, 350.362



53, 81.807, 354.998



69, 38.748, 188.563



37, 5.160, 341.638



34, 60.135, 356.662



3, 14.392, 348.522

Previews

White Background



This preview shows how the CIELCh color 44, 62.755, 350.361 looks on a white background.

Color Contrast Check

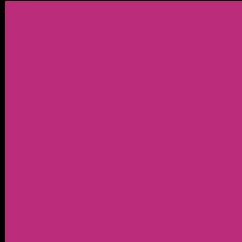
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.755, 350.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

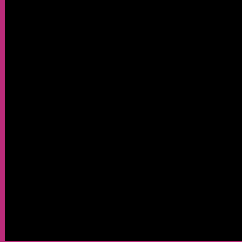
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 62.755, 350.361

Background



This preview shows how black text looks on a background with the CIELCh color 44, 62.755, 350.361.

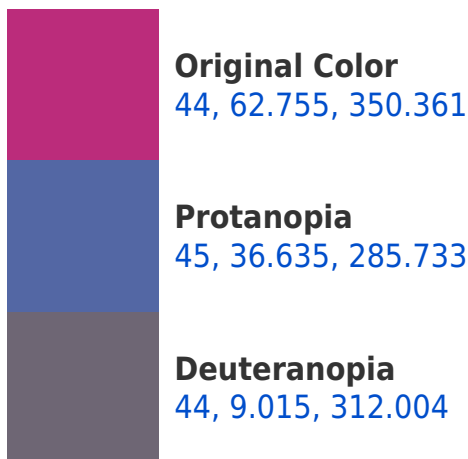


This preview shows how white text looks on a background with the CIELCh color 44, 62.755, 350.361.

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, 55.159, 27.386

Trichromacy



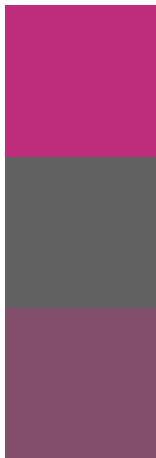
Original Color
44, 62.755, 350.361

Protanomaly
42, 42.554, 313.874

Deuteranomaly
42, 31.689, 338.811

Tritanomaly
44, 54.979, 13.034

Monochromacy



Original Color
44, 62.755, 350.361

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 27.333, 344.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 62.755, 350.361 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(187, 44, 123)` looks like.

```
.text, #text, p{  
    color:rgb(187, 44, 123)  
}
```

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(187, 44, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 44, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 62.755, 350.361 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(187, 44, 123) }
```

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

```
.border{ border-color:rgb(187, 44, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 44, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 44, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 44, 123);  
box-shadow:4px 4px 4px 4px rgb(187, 44,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 62.755, 350.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 44, 123) }
```

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

```
.background{ background-color: rgb(187, 44,  
123) }
```

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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