

Converting Colors

CIELCh(62, 43.815, 320.460)

Have a look what the booklet for
CIELCh(62, 43.815, 320.460)
contains.

CIELCh(62, 44.309, 320.455)	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(62, 44.309, 320.455)

Conversions

Conversions Part 1

Format	Color
Hex	BA81C8
RGB	186, 129, 200
RGB Percent	73%, 51%, 78%
CMY	0.2697, 0.4933, 0.2148
CMYK	0.07, 0.35, 0.00, 0.21
HSL	288°, 39%, 65%
HSV	288°, 35%, 79%
XYZ	38.6324, 30.4025, 58.6113
YIQ	154.1370, 11.1810, 34.1650

Conversions

Conversions Part 2

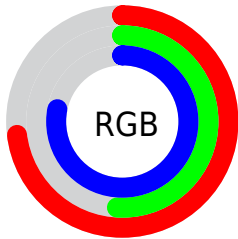
Format	Color
R_{YB}	186, 129, 200
Decimal	12222920
CIE _{Lab}	62.00, 34.17, -28.21
CIE _{LCh}	62, 44.309, 320.455
Yxy	30.4025, 0.3027, 0.2382
Android (android.graphics.Color)	4290413000 (0xFFBA81C8)
YUV	154.1370, 22.6105, 27.9439
Hunter-Lab	55.1385, 28.5726, -24.4273

Details

The CIELCh color **62, 44.309, 320.455** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **75, 43.635, 136.965**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 43.219, 321.091**, and **42, 44.699, 320.579** is the 20% darker color. If you saturate the color by 10%, you get **57, 56.530, 320.849**, and if you desaturate by 10%, it is **67, 31.769, 320.022**.

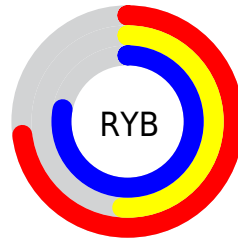
Distribution



Red (73%)

Green (51%)

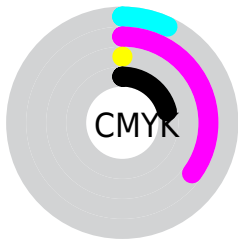
Blue (78%)



Red (73%)

Yellow (51%)

Blue (78%)

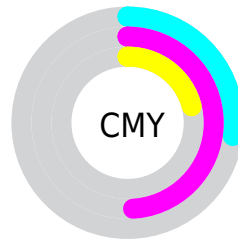


Cyan (7%)

Magenta (35%)

Yellow (0%)

Black (21%)



Cyan (27%)


Magenta (49%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 44.309, 320.455 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 62, 44.309, 320.455 by changing the saturation by 10% instead.


 62, 44.309,
320.455

 62, 44.309,
320.455


 100, 44.309,
320.455


 52, 44.309,
320.455


 82, 44.309,
320.455

 42, 44.309,
320.455

 92, 44.309,
320.455

 32, 44.309,
320.455

 22, 44.309,
320.455

 12, 44.309,
320.455

 2, 44.309, 320.455

 0, 44.309, 320.455

62, 44.309,
320.455

62, 44.309,
320.455

57, 56.530,
320.849

67, 31.769,
320.022

53, 68.059,
321.175

72, 19.182,
319.571

49, 78.398,
321.393

78, 6.724, 319.106

46, 86.976,
321.459

83, 5.498, 138.743

43, 93.261,
321.330

89, 17.422,
138.306


41, 96.962,
320.972

94, 29.016,
137.916

41, 98.133,
320.768

96, 31.719,
136.299

96, 31.044,
134.089

 96, 30.415,
131.759

Harmonies

Complementary

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



62, 44.309, 320.455



75, 43.635, 136.965

Rectangle

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



62, 44.309, 320.455



62, 44.309, 10.455



62, 44.309, 140.455



62, 44.309, 190.455

Sweetspot

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



62, 44.307, 320.455



93, 16.546, 319.374



60, 32.196, 285.630



49, 11.130, 319.437



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 44.307, 320.455



73, 65.154, 320.781



63, 37.824, 336.891



39, 6.961, 319.292



33, 84.279, 320.870



3, 24.495, 318.539

Inverse Universe

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



62, 29.533, 7.630



72, 44.137, 9.067



75, 37.400, 151.305



39, 4.419, 4.274



34, 66.353, 29.109



3, 16.174, 9.300

Previews

White Background



This preview shows how the CIELCh color 62, 44.309, 320.455 looks on a white background.

Color Contrast Check

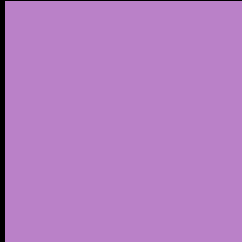
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 62, 44.309, 320.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

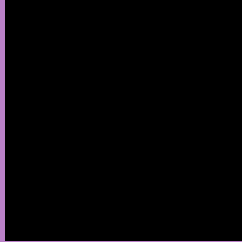
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 44.309, 320.455

Background



This preview shows how black text looks on a background with the CIELCh color 62, 44.309, 320.455.

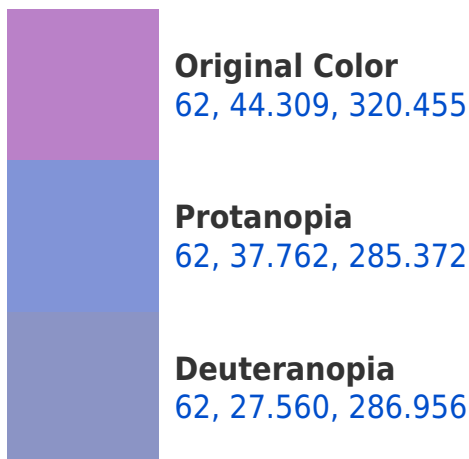


This preview shows how white text looks on a background with the CIELCh color 62, 44.309, 320.455.

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
62, 16.935, 0.007

Trichromacy



Original Color
62, 44.309, 320.455



Protanomaly
62, 38.982, 298.504



Deuteranomaly
62, 32.573, 302.487



Tritanomaly
62, 25.582, 336.014

Monochromacy



Original Color
62, 44.309, 320.455



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 16.602, 319.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 44.309, 320.455 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(186, 129, 200)` looks like.

```
.text, #text, p{  
    color:rgb(186, 129, 200)  
}
```

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(186, 129, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 129, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 44.309, 320.455 is called "border". The border property can be set on classes, ids or directly on the HTML element.

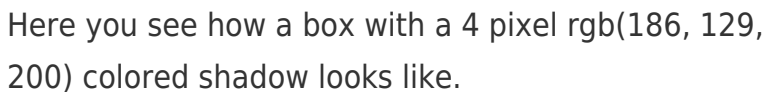
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 129, 200) }
```

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

```
.border{ border-color:rgb(186, 129, 200) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 129, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 129, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 129, 200); box-shadow:4px 4px 4px 4px rgb(186, 129, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 44.309, 320.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 129, 200) }
```

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

```
.background{ background-color: rgb(186,  
129, 200) }
```

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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