

Converting Colors

CIELCh(62, 94.843, 322.295)

Have a look what the booklet for
CIELCh(62, 94.843, 322.295)
contains.

CIELCh(62, 94.835, 322.299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 94.835, 322.299)

Conversions

Conversions Part 1

Format	Color
Hex	E258FE
RGB	226, 88, 254
RGB Percent	89%, 35%, 100%
CMY	0.1127, 0.6539, 0.0030
CMYK	0.11, 0.65, 0.00, 0.00
HSL	290°, 99%, 67%
HSV	290°, 65%, 100%
XYZ	52.8834, 30.4025, 97.0543
YIQ	148.1860, 28.9620, 80.8820

Conversions

Conversions Part 2

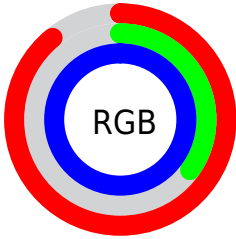
Format	Color
R _Y B	226, 88, 254
Decimal	14833918
CIE Lab	62.00, 75.03, -58.00
CIE LCh	62, 94.835, 322.299
Yxy	30.4025, 0.2932, 0.1686
Android (android.graphics.Color)	4293023998 (0xFFE258FE)
YUV	148.1860, 52.1663, 68.2429
Hunter-Lab	55.1385, 74.7072, -65.7648

Details

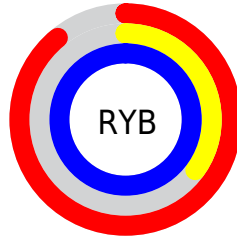
The CIELCh color **62, 94.835, 322.299** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **90, 93.718, 135.562**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 67.358, 326.728**, and **42, 94.572, 322.419** is the 20% darker color. If you saturate the color by 10%, you get **58, 104.859, 322.370**, and if you desaturate by 10%, it is **67, 82.532, 322.077**.

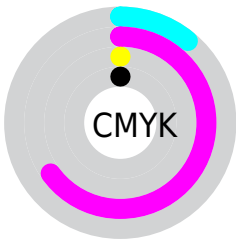
Distribution



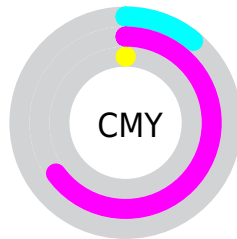
- Red (89%)
- Green (35%)
- Blue (100%)



- Red (89%)
- Yellow (35%)
- Blue (100%)



- Cyan (11%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)




- Cyan (11%)
- Magenta (65%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 94.835, 322.299 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, 94.835, 322.299 by changing the saturation by 10% instead.

 62, 94.835,
322.299


 62, 94.835,
322.299


 100, 94.835,
322.299


 52, 94.835,
322.299


 82, 94.835,
322.299

 42, 94.835,
322.299

 92, 94.835,
322.299

 32, 94.835,
322.299

 22, 94.835,
322.299

 12, 94.835,
322.299

 2, 94.835, 322.299

 0, 94.835, 322.299

62, 94.835,
322.299

62, 94.835,
322.299

58, 104.859,
322.370

67, 82.532,
322.077

55, 111.998,
322.251

72, 68.658,
321.746

54, 115.976,
321.915

77, 53.840,
321.342

53, 117.046,
321.701

83, 38.568,
320.897

90, 23.197,
320.432

96, 7.959, 319.949

100, 0.370,
109.941

Harmonies

Complementary

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



62, 94.835, 322.299



90, 93.718, 135.562

Rectangle

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



62, 94.835, 322.299



62, 94.835, 12.299



62, 94.835, 142.299



62, 94.835, 192.299

Sweetspot

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



62, 94.833, 322.299



87, 30.511, 320.653



54, 77.460, 293.791



45, 20.844, 320.783



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, 94.833, 322.299



58, 107.352, 322.358



64, 77.901, 340.714



50, 8.610, 320.157



40, 94.449, 321.806



10, 43.340, 322.544

Inverse Universe

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



61, 67.635, 16.984



57, 79.697, 21.887



89, 78.583, 147.833



50, 5.374, 6.484



40, 76.523, 31.845



10, 32.170, 20.218

Previews

White Background



This preview shows how the CIELCh color 62, 94.835, 322.299 looks on a white background.

Color Contrast Check

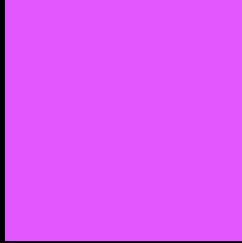
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 94.835, 322.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

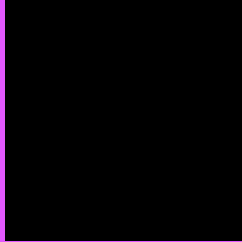
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 94.835, 322.299

Background



This preview shows how black text looks on a background with the CIELCh color 62, 94.835, 322.299.

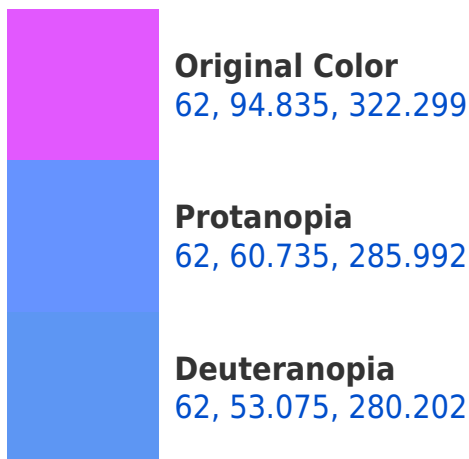


This preview shows how white text looks on a background with the CIELCh color 62, 94.835, 322.299.

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, 35.258, 15.445

Trichromacy



Original Color
62, 94.835, 322.299



Protanomaly
60, 72.759, 301.871



Deuteranomaly
60, 67.212, 300.057



Tritanomaly
61, 51.562, 341.202

Monochromacy



Original Color
62, 94.835, 322.299



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 38.699, 320.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 94.835, 322.299 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(226, 88, 254)` looks like.

```
.text, #text, p{  
    color:rgb(226, 88, 254)  
}
```

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(226, 88, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 88, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 94.835, 322.299 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(226, 88, 254) }
```

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

```
.border{ border-color:rgb(226, 88, 254) }
```

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

Here you see how a box with a 4 pixel rgb(226, 88, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 88, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 88, 254);  
box-shadow:4px 4px 4px 4px rgb(226, 88,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 94.835, 322.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 88, 254) }
```

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

```
.background{ background-color: rgb(226, 88,  
254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor