

Converting Colors

CIELCh(62, 77.223, 327.299)

Have a look what the booklet for
CIELCh(62, 77.223, 327.299)
contains.

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Color

CIELCh(62, 77.390, 327.298)

Conversions

Conversions Part 1

Format	Color
Hex	E163E1
RGB	225, 99, 225
RGB Percent	88%, 39%, 88%
CMY	0.1173, 0.6114, 0.1173
CMYK	0.00, 0.56, 0.00, 0.12
HSL	300°, 68%, 64%
HSV	300°, 56%, 88%
XYZ	49.1511, 30.4025, 74.5735
YIQ	151.0380, 34.6500, 65.8980

Conversions

Conversions Part 2

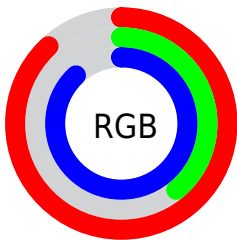
Format	Color
R _{YB}	225, 99, 225
Decimal	14771169
CIE _{Lab}	62.00, 65.12, -41.81
CIE _{LCh}	62, 77.390, 327.298
Yxy	30.4025, 0.3189, 0.1973
Android (android.graphics.Color)	4292961249 (0xFFE163E1)
YUV	151.0380, 36.4633, 64.8647
Hunter-Lab	55.1385, 62.6246, -41.5913

Details

The CIELCh color **62, 77.390, 327.298** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **80, 78.045, 139.660**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.108, 326.555**, and **42, 77.203, 327.407** is the 20% darker color. If you saturate the color by 10%, you get **59, 87.861, 327.658**, and if you desaturate by 10%, it is **66, 65.144, 326.866**.

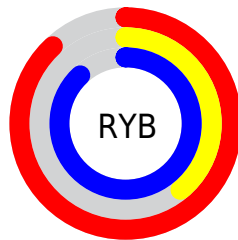
Distribution



Red (88%)

Green (39%)

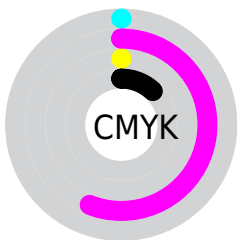
Blue (88%)



Red (88%)

Yellow (39%)

Blue (88%)

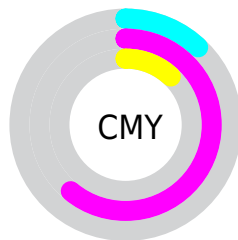


Cyan (0%)

Magenta (56%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (61%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 77.390, 327.298 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, 77.390, 327.298 by changing the saturation by 10% instead.

 62, 77.390,
327.298

 62, 77.390,
327.298

 100, 77.390,
327.298

 52, 77.390,
327.298

 82, 77.390,
327.298

 42, 77.390,
327.298

 92, 77.390,
327.298

 32, 77.390,
327.298

 22, 77.390,
327.298

 12, 77.390,
327.298

 2, 77.390, 327.298

 0, 77.390, 327.298

62, 77.390,
327.298

62, 77.390,
327.298

59, 87.861,
327.658

66, 65.144,
326.866

56, 96.039,
327.933

70, 51.693,
326.380

55, 101.574,
328.116

75, 37.534,
325.856

54, 104.456,
328.210

81, 23.068,
325.308

53, 105.166,
328.233

86, 8.587, 324.738

92, 5.711, 144.275

97, 18.684,
143.747

97, 18.684,
143.747

■ 97, 18.683,
143.748

Harmonies

Complementary

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



62, 77.390, 327.298



80, 78.045, 139.660

Rectangle

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



62, 77.390, 327.298



62, 77.390, 17.298



62, 77.390, 147.298



62, 77.390, 197.298

Sweetspot

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



62, 77.387, 327.298



90, 27.168, 325.371



48, 73.541, 298.782



46, 18.181, 325.483



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, 77.387, 327.298



66, 98.057, 327.705



60, 56.492, 350.009



44, 8.154, 324.940



42, 87.488, 328.233



8, 35.925, 328.230

Inverse Universe

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



62, 77.387, 327.298



66, 98.057, 327.705



81, 53.456, 157.474



44, 8.154, 324.940



42, 87.488, 328.233



8, 35.925, 328.230

Previews

White Background



This preview shows how the CIELCh color 62, 77.390, 327.298 looks on a white background.

Color Contrast Check

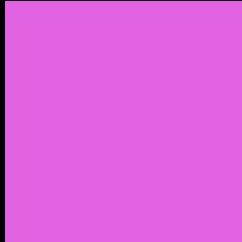
Large Text (above 18pt) WCAG AA × Fail

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, 77.390, 327.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

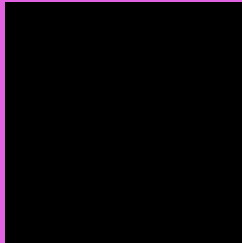
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 77.390, 327.298

Background



This preview shows how black text looks on a background with the CIELCh color 62, 77.390, 327.298.

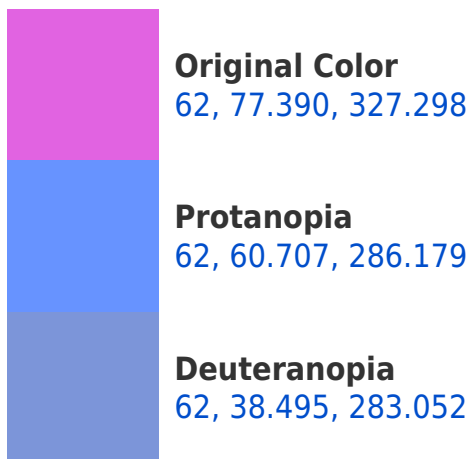


This preview shows how white text looks on a background with the CIELCh color 62, 77.390, 327.298.

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, 37.359, 16.188

Trichromacy



Original Color
62, 77.390, 327.298



Protanomaly
61, 64.386, 300.940



Deuteranomaly
61, 51.147, 305.909



Tritanomaly
62, 47.075, 348.925

Monochromacy



Original Color
62, 77.390, 327.298



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 30.856, 325.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 77.390, 327.298 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(225, 99, 225)` looks like.

```
.text, #text, p{  
    color:rgb(225, 99, 225)  
}
```

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(225, 99, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 99, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 77.390, 327.298 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(225, 99, 225) }
```

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

```
.border{ border-color:rgb(225, 99, 225) }
```

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

Here you see how a box with a 4 pixel rgb(225, 99, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 99, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 99, 225);  
box-shadow:4px 4px 4px 4px rgb(225, 99,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 77.390, 327.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 99, 225) }
```

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

```
.background{ background-color: rgb(225, 99,  
225) }
```

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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