

Converting Colors

CIELCh(62, 77.780, 327.865)

Have a look what the booklet for
CIELCh(62, 77.780, 327.865)
contains.

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Color

CIELCh(62, 77.683, 328.036)

Conversions

Conversions Part 1

Format	Color
Hex	E362E0
RGB	227, 98, 224
RGB Percent	89%, 38%, 88%
CMY	0.1103, 0.6161, 0.1220
CMYK	0.00, 0.57, 0.01, 0.11
HSL	301°, 70%, 64%
HSV	301°, 57%, 89%
XYZ	49.4389, 30.4025, 73.7049
YIQ	150.9350, 36.4380, 66.5340

Conversions

Conversions Part 2

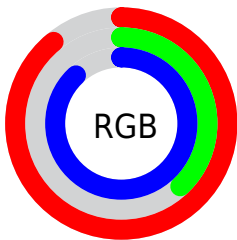
Format	Color
R _Y B	227, 98, 224
Decimal	14901984
CIE _{Lab}	62.00, 65.90, -41.12
CIE _{LCh}	62, 77.683, 328.036
Yxy	30.4025, 0.3220, 0.1980
Android (android.graphics.Color)	4293092064 (0xFFE362E0)
YUV	150.9350, 36.0210, 66.7090
Hunter-Lab	55.1385, 63.5562, -40.6573

Details

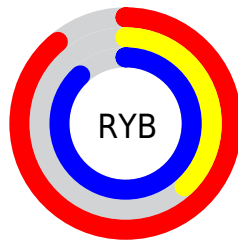
The CIELCh color **62, 77.683, 328.036** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **81, 78.473, 140.122**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.108, 326.555**, and **42, 77.497, 328.200** is the 20% darker color. If you saturate the color by 10%, you get **59, 87.862, 328.426**, and if you desaturate by 10%, it is **66, 65.681, 327.583**.

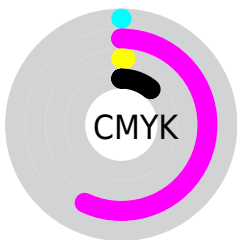
Distribution



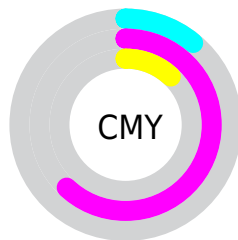
- Red (89%)
- Green (38%)
- Blue (88%)



- Red (89%)
- Yellow (38%)
- Blue (88%)



- Cyan (0%)
- Magenta (57%)
- Yellow (1%)
- Black (11%)




- Cyan (11%)
- Magenta (62%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 77.683, 328.036 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, 77.683, 328.036 by changing the saturation by 10% instead.

 62, 77.683,
328.036


 62, 77.683,
328.036


 100, 77.683,
328.036

 52, 77.683,
328.036


 82, 77.683,
328.036

 42, 77.683,
328.036

 92, 77.683,
328.036

 32, 77.683,
328.036

 22, 77.683,
328.036

 12, 77.683,
328.036

 2, 77.683, 328.036

 0, 77.683, 328.036

62, 77.683,
328.036

62, 77.683,
328.036

59, 87.862,
328.426

66, 65.681,
327.583

56, 95.699,
328.741

71, 52.430,
327.081

55, 100.857,
328.979

75, 38.439,
326.545

54, 103.370,
329.145

81, 24.116,
325.989

54, 103.869,
329.189

86, 9.759, 325.415

92, 4.429, 144.959

97, 17.263,
144.452

97, 17.042,
144.966

■ 97, 16.823,
145.494

Harmonies

Complementary

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



62, 77.683, 328.036



81, 78.473, 140.122

Rectangle

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



62, 77.683, 328.036



62, 77.683, 18.036



62, 77.683, 148.036



62, 77.683, 198.036

Sweetspot

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



62, 77.680, 328.036



90, 26.746, 326.004



48, 75.264, 299.332



46, 17.898, 326.117



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, 77.680, 328.036



65, 97.515, 328.481



60, 57.168, 351.243



44, 8.027, 325.567



42, 85.919, 329.173



8, 35.375, 329.010

Inverse Universe

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



62, 77.680, 328.036



65, 97.515, 328.481



82, 53.725, 158.202



44, 8.027, 325.567



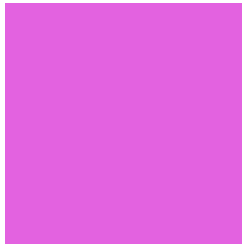
42, 85.919, 329.173



8, 35.375, 329.010

Previews

White Background



This preview shows how the CIELCh color 62, 77.683, 328.036 looks on a white background.

Color Contrast Check

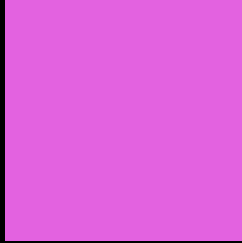
Large Text (above 18pt) WCAG AA × Fail

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, 77.683, 328.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

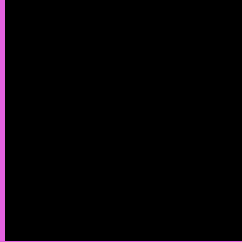
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 77.683, 328.036

Background



This preview shows how black text looks on a background with the CIELCh color 62, 77.683, 328.036.

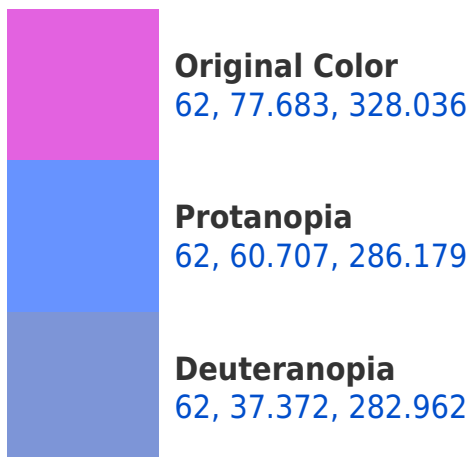


This preview shows how white text looks on a background with the CIELCh color 62, 77.683, 328.036.

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, 39.102, 16.791

Trichromacy



Original Color
62, 77.683, 328.036



Protanomaly
60, 65.014, 301.451



Deuteranomaly
61, 50.760, 306.743



Tritanomaly
61, 48.503, 349.702

Monochromacy



Original Color
62, 77.683, 328.036



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 31.045, 326.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 77.683, 328.036 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(227, 98, 224)` looks like.

```
.text, #text, p{  
  color:rgb(227, 98, 224)  
}
```

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(227, 98, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 98, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 77.683, 328.036 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(227, 98, 224) }
```

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

```
.border{ border-color:rgb(227, 98, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 98, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 98, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 98, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 98,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 77.683, 328.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 98, 224) }
```

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

```
.background{ background-color: rgb(227, 98,  
224) }
```

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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