

Converting Colors

CIELCh(62, 63.682, 342.529)

Have a look what the booklet for
CIELCh(62, 63.682, 342.529)
contains.

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Color

CIELCh(62, 63.685, 342.681)

Conversions

Conversions Part 1

Format	Color
Hex	EB65B9
RGB	235, 101, 185
RGB Percent	92%, 40%, 73%
CMY	0.0791, 0.6045, 0.2751
CMYK	0.00, 0.57, 0.21, 0.08
HSL	322°, 77%, 66%
HSV	322°, 57%, 92%
XYZ	47.5790, 30.4025, 49.1696
YIQ	150.6420, 52.9000, 54.5320

Conversions

Conversions Part 2

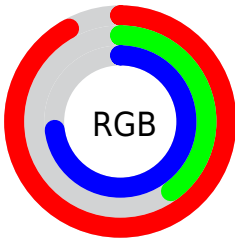
Format	Color
RYB	235, 101, 185
Decimal	15427001
CIELab	62.00, 60.80, -18.96
CIELCh	62, 63.685, 342.681
Yxy	30.4025, 0.3742, 0.2391
Android (android.graphics.Color)	4293617081 (0xFFEB65B9)
YUV	150.6420, 16.9385, 73.9820
Hunter-Lab	55.1385, 57.5351, -14.2747

Details

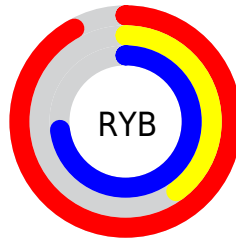
The CIELCh color **62, 63.685, 342.681** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **84, 62.718, 151.410**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 55.336, 330.980**, and **42, 63.684, 342.593** is the 20% darker color. If you saturate the color by 10%, you get **58, 72.026, 344.059**, and if you desaturate by 10%, it is **67, 53.750, 341.502**.

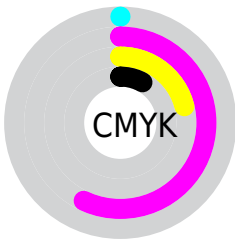
Distribution



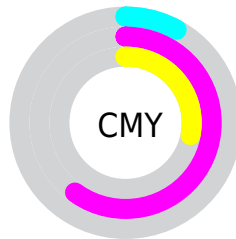
- Red (92%)
- Green (40%)
- Blue (73%)



- Red (92%)
- Yellow (40%)
- Blue (73%)



- Cyan (0%)
- Magenta (57%)
- Yellow (21%)
- Black (8%)





- Cyan (8%)
- Magenta (60%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 63.685, 342.681 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, 63.685, 342.681 by changing the saturation by 10% instead.


 62, 63.685,
342.681


 62, 63.685,
342.681


 100, 63.685,
342.681


 52, 63.685,
342.681


 82, 63.685,
342.681

 42, 63.685,
342.681

 92, 63.685,
342.681

 32, 63.685,
342.681

 22, 63.685,
342.681

 12, 63.685,
342.681

 2, 63.685, 342.681

 0, 63.685, 342.681

62, 63.685,
342.681

62, 63.685,
342.681

58, 72.026,
344.059

67, 53.750,
341.502

55, 78.207,
345.715

72, 42.806,
340.464

53, 81.816,
347.753

77, 31.327,
339.531

52, 82.859,
350.283

83, 19.669,
338.676

52, 82.927,
351.092

89, 8.071, 337.866

95, 3.315, 157.316

98, 8.393, 166.495

99, 6.913, 198.725

99, 6.911, 199.064

Harmonies

Complementary

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



62, 63.685, 342.681



84, 62.718, 151.410

Rectangle

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



62, 63.685, 342.681



62, 63.685, 32.681



62, 63.685, 162.681



62, 63.685, 212.681

Sweetspot

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



62, 63.682, 342.682



89, 20.959, 338.677



54, 77.446, 308.125



46, 14.036, 338.845



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, 63.682, 342.682



62, 77.621, 344.249



60, 55.756, 17.119



46, 6.507, 338.061



40, 68.464, 350.572



8, 30.224, 346.239

Inverse Universe

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



62, 63.682, 342.682



62, 77.621, 344.249



86, 40.905, 183.338



46, 6.507, 338.061



40, 68.464, 350.572



8, 30.224, 346.239

Previews

White Background



This preview shows how the CIELCh color 62, 63.685, 342.681 looks on a white background.

Color Contrast Check

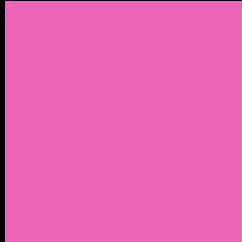
Large Text (above 18pt) WCAG AA × Fail

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, 63.685, 342.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

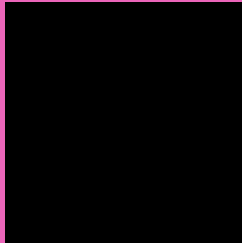
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 63.685, 342.681

Background



This preview shows how black text looks on a background with the CIELCh color 62, 63.685, 342.681.

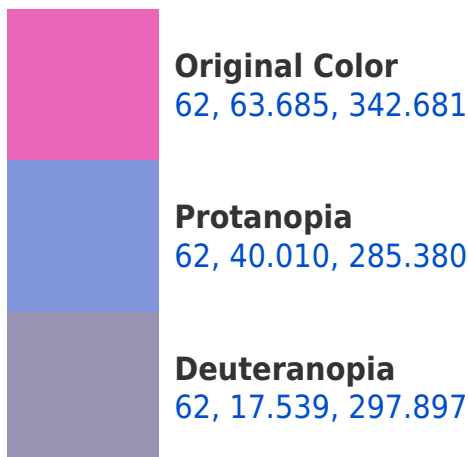


This preview shows how white text looks on a background with the CIELCh color 62, 63.685, 342.681.

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, 47.776, 20.037

Trichromacy



Original Color
62, 63.685, 342.681



Protanomaly
61, 44.509, 309.609



Deuteranomaly
61, 33.827, 327.052



Tritanomaly
62, 50.460, 4.053

Monochromacy



Original Color
62, 63.685, 342.681



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 25.464, 339.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 63.685, 342.681 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(235, 101, 185)` looks like.

```
.text, #text, p{  
    color:rgb(235, 101, 185)  
}
```

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(235, 101, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 101, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 63.685, 342.681 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(235, 101, 185) }
```

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

```
.border{ border-color:rgb(235, 101, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 101, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 101, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 101, 185);  
box-shadow:4px 4px 4px 4px rgb(235, 101,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 63.685, 342.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 101, 185) }
```

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

```
.background{ background-color: rgb(235,  
101, 185) }
```

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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