

Converting Colors

CIELCh(63, 54.592, 342.812)

Have a look what the booklet for
CIELCh(63, 54.592, 342.812)
contains.

CIELCh(63, 54.763, 342.996)	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(63, 54.763, 342.996)

Conversions

Conversions Part 1

Format	Color
Hex	E371B6
RGB	227, 113, 182
RGB Percent	89%, 44%, 71%
CMY	0.1091, 0.5562, 0.2857
CMYK	0.00, 0.50, 0.20, 0.11
HSL	324°, 67%, 67%
HSV	324°, 50%, 89%
XYZ	46.1136, 31.5869, 48.0065
YIQ	154.9520, 45.7950, 45.6270

Conversions

Conversions Part 2

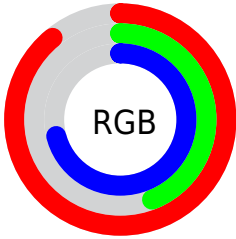
Format	Color
RYB	227, 113, 182
Decimal	14905782
CIELab	63.00, 52.37, -16.01
CIElCh	63, 54.763, 342.996
Yxy	31.5869, 0.3668, 0.2513
Android (android.graphics.Color)	4293095862 (0xFFE371B6)
YUV	154.9520, 13.3347, 63.1861
Hunter-Lab	56.2022, 48.1042, -11.3024

Details

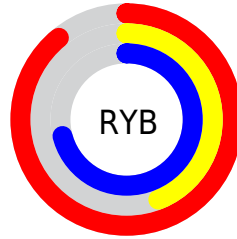
The CIELCh color $63, 54.763, 342.996$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $82, 53.438, 153.343$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 47.576, 332.589$, and $43, 54.605, 343.036$ is the 20% darker color. If you saturate the color by 10%, you get $59, 63.936, 344.300$, and if you desaturate by 10%, it is $68, 44.464, 341.869$.

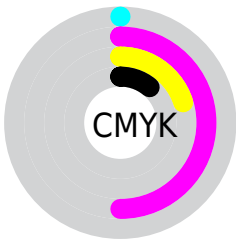
Distribution



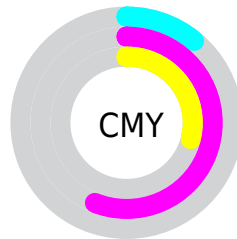
- Red (89%)
- Green (44%)
- Blue (71%)



- Red (89%)
- Yellow (44%)
- Blue (71%)



- Cyan (0%)
- Magenta (50%)
- Yellow (20%)
- Black (11%)




- Cyan (11%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 54.763, 342.996 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 63, 54.763, 342.996 by changing the saturation by 10% instead.

 63, 54.763,
342.996

 63, 54.763,
342.996


 100, 54.763,
342.996


 53, 54.763,
342.996


 83, 54.763,
342.996

 43, 54.763,
342.996

 93, 54.763,
342.996

 33, 54.763,
342.996

 23, 54.763,
342.996

 13, 54.763,
342.996

 3, 54.763, 342.996

 0, 54.763, 342.996

63, 54.763,
342.996

63, 54.763,
342.996

59, 63.936,
344.300

68, 44.464,
341.869

55, 71.425,
345.848

73, 33.541,
340.869

53, 76.697,
347.738

79, 22.366,
339.965

51, 79.454,
350.091

84, 11.201,
339.126

50, 80.078,
352.904

90, 0.210, 336.476

96, 10.508,
157.745

98, 10.985,
170.885

98, 9.504, 195.505

Harmonies

Complementary

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



63, 54.763, 342.996



82, 53.438, 153.343

Rectangle

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



63, 54.763, 342.996



63, 54.763, 32.996



63, 54.763, 162.996



63, 54.763, 212.996

Sweetspot

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



63, 54.760, 342.997



90, 18.191, 339.532



57, 66.050, 308.093



47, 12.430, 339.711



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 54.760, 342.997



66, 69.954, 344.328



61, 47.476, 16.639



45, 6.293, 339.067



39, 67.055, 352.368



7, 28.931, 347.440

Inverse Universe

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



63, 54.760, 342.997



66, 69.954, 344.328



84, 35.820, 185.583



45, 6.293, 339.067



39, 67.055, 352.368



7, 28.931, 347.440

Previews

White Background



This preview shows how the CIELCh color 63, 54.763, 342.996 looks on a white background.

Color Contrast Check

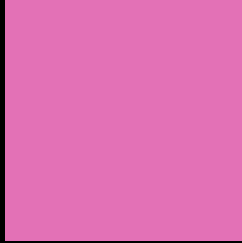
Large Text (above 18pt) WCAG AA × Fail

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 63, 54.763, 342.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

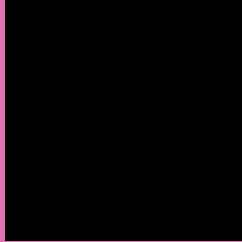
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 54.763, 342.996

Background



This preview shows how black text looks on a background with the CIELCh color 63, 54.763, 342.996.



This preview shows how white text looks on a background with the CIELCh color 63, 54.763, 342.996.

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



Original Color
63, 54.763, 342.996

Protanopia
63, 32.590, 285.235

Deuteranopia
63, 15.450, 302.601



Tritanopia
63, 40.640, 17.221

Trichromacy



Original Color
63, 54.763, 342.996



Protanomaly
62, 36.640, 311.115



Deuteranomaly
62, 29.181, 328.948

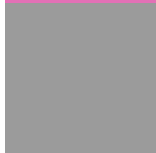


Tritanomaly
63, 43.738, 2.142

Monochromacy



Original Color
63, 54.763, 342.996



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 20.953, 339.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 54.763, 342.996 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, 113, 182)` looks like.

```
.text, #text, p{  
    color:rgb(227, 113, 182)  
}
```

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, 113, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 113, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 54.763, 342.996 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, 113, 182) }
```

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

```
.border{ border-color:rgb(227, 113, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 113, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 113, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 113, 182);  
box-shadow:4px 4px 4px 4px rgb(227, 113,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 54.763, 342.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 113, 182) }
```

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

```
.background{ background-color: rgb(227,  
113, 182) }
```

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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