

Converting Colors

CIELCh(64, 42.295, 2.183)

Have a look what the booklet for
CIELCh(64, 42.295, 2.183) contains.

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Color

CIELCh(64, 42.415, 1.926)

Conversions

Conversions Part 1

Format	Color
Hex	E17C9A
RGB	225, 124, 154
RGB Percent	88%, 49%, 60%
CMY	0.1172, 0.5133, 0.3957
CMYK	0.00, 0.45, 0.32, 0.12
HSL	342°, 63%, 68%
HSV	342°, 45%, 88%
XYZ	44.1466, 32.8017, 34.6195
YIQ	157.6190, 50.5660, 30.7420

Conversions

Conversions Part 2

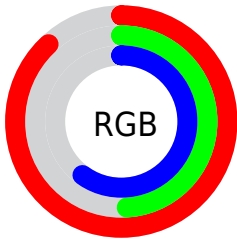
Format	Color
R _Y B	225, 124, 154
Decimal	14777498
CIE Lab	64.00, 42.39, 1.43
CIE LCh	64, 42.415, 1.926
Yxy	32.8017, 0.3957, 0.2940
Android (android.graphics.Color)	4292967578 (0xFFE17C9A)
YUV	157.6190, -1.7842, 59.0931
Hunter-Lab	57.2727, 37.3628, 4.2521

Details

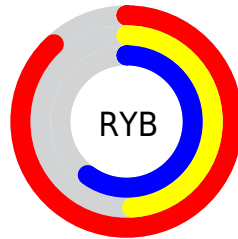
The CIELCh color **64, 42.415, 1.926** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **83, 36.986, 171.419**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 32.460, 353.253**, and **44, 42.295, 2.039** is the 20% darker color. If you saturate the color by 10%, you get **59, 51.758, 4.028**, and if you desaturate by 10%, it is **69, 32.725, 0.225**.

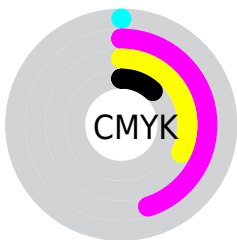
Distribution



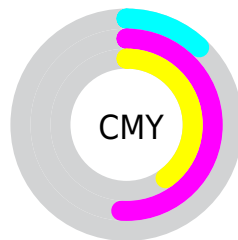
- Red (88%)
- Green (49%)
- Blue (60%)



- Red (88%)
- Yellow (49%)
- Blue (60%)



- Cyan (0%)
- Magenta (45%)
- Yellow (32%)
- Black (12%)





- Cyan (12%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 42.415, 1.926 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 64, 42.415, 1.926 by changing the saturation by 10% instead.

 64, 42.415, 1.926  64, 42.415, 1.926

 100, 42.415, 1.926  54, 42.415, 1.926

 84, 42.415, 1.926  44, 42.415, 1.926

 94, 42.415, 1.926  34, 42.415, 1.926

 24, 42.415, 1.926

 14, 42.415, 1.926

 4, 42.415, 1.926

 0, 42.415, 1.926

 64, 42.415, 1.926  64, 42.415, 1.926

 59, 51.758, 4.028  69, 32.725, 0.225

■ 55, 60.346, 6.665

■ 75, 23.022,
358.812

■ 52, 67.744, 10.012

■ 81, 13.517,
357.608

■ 49, 73.669, 14.230

■ 48, 78.186, 19.374

■ 87, 4.337, 356.503

■ 48, 80.278, 22.191

■ 93, 4.457, 175.846

■ 98, 10.739,
182.337

■ 98, 10.136,
198.831

Harmonies

Complementary

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



64, 42.415, 1.926



83, 36.986, 171.419

Rectangle

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



64, 42.415, 1.926



64, 42.415, 51.926



64, 42.415, 181.926



64, 42.415, 231.926

Sweetspot

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



64, 42.412, 1.928



91, 13.029, 357.410



63, 60.380, 317.636



47, 9.157, 357.658



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 42.412, 1.928



67, 56.378, 3.912



68, 36.792, 39.619



44, 5.092, 357.012



37, 66.401, 21.162



6, 25.353, 7.860

Inverse Universe

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



64, 42.412, 1.928



67, 56.378, 3.912



78, 26.358, 222.285



44, 5.092, 357.012



37, 66.401, 21.162



6, 25.353, 7.860

Previews

White Background



This preview shows how the CIELCh color 64, 42.415, 1.926 looks on a white background.

Color Contrast Check

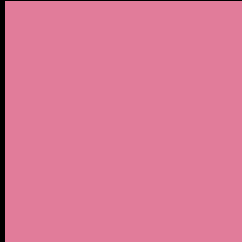
Large Text (above 18pt) WCAG AA × Fail

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 64, 42.415, 1.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

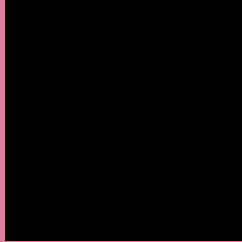
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 42.415, 1.926

Background



This preview shows how black text looks on a background with the CIELCh color 64, 42.415, 1.926.

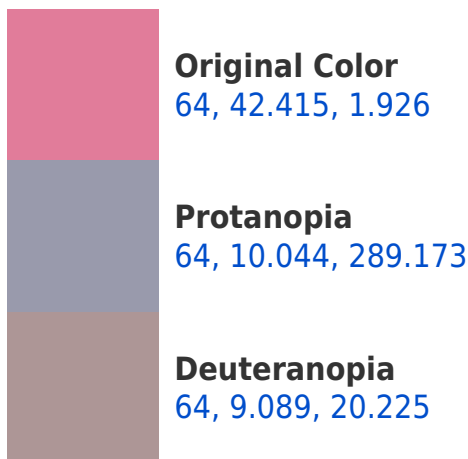


This preview shows how white text looks on a background with the CIELCh color 64, 42.415, 1.926.

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](#).

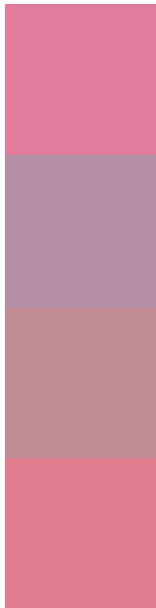
Dichromacy





Tritanopia
64, 40.033, 16.211

Trichromacy



Original Color
64, 42.415, 1.926

Protanomaly
63, 18.429, 339.647

Deuteranomaly
64, 20.981, 6.380

Tritanomaly
64, 40.391, 10.948

Monochromacy



Original Color
64, 42.415, 1.926

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 15.320, 357.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 42.415, 1.926 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, 124, 154)` looks like.

```
.text, #text, p{  
    color:rgb(225, 124, 154)  
}
```

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, 124, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 124, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 42.415, 1.926 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, 124, 154) }
```

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

```
.border{ border-color:rgb(225, 124, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 124, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 124, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 124, 154);  
box-shadow:4px 4px 4px 4px rgb(225, 124,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 42.415, 1.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 124, 154) }
```

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

```
.background{ background-color: rgb(225,  
124, 154) }
```

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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