

Converting Colors

CIELCh(64, 42.263, 5.174)

Have a look what the booklet for
CIELCh(64, 42.263, 5.174) contains.

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Color

CIELCh(64, 42.408, 5.083)

Conversions

Conversions Part 1

Format	Color
Hex	E27C96
RGB	226, 124, 150
RGB Percent	89%, 49%, 59%
CMY	0.1136, 0.5136, 0.4116
CMYK	0.00, 0.45, 0.34, 0.11
HSL	345°, 64%, 69%
HSV	345°, 45%, 89%
XYZ	44.0954, 32.8017, 32.8755
YIQ	157.4620, 52.4460, 29.7100

Conversions

Conversions Part 2

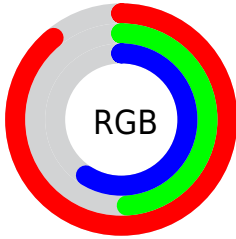
Format	Color
R _Y B	226, 124, 150
Decimal	14843030
CIE Lab	64.00, 42.24, 3.76
CIE LCh	64, 42.408, 5.083
Yxy	32.8017, 0.4017, 0.2988
Android (android.graphics.Color)	4293033110 (0xFFE27C96)
YUV	157.4620, -3.6788, 60.1078
Hunter-Lab	57.2727, 37.2032, 6.0575

Details

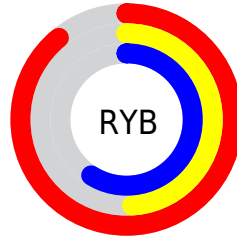
The CIELCh color $64, 42.408, 5.083$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $83, 36.075, 174.482$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 31.693, 356.725$, and $44, 42.347, 5.490$ is the 20% darker color. If you saturate the color by 10%, you get $59, 51.883, 7.281$, and if you desaturate by 10%, it is $69, 32.670, 3.317$.

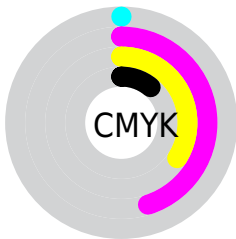
Distribution



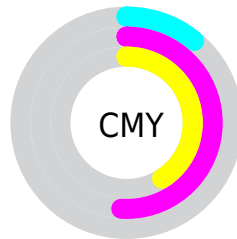
- Red (89%)
- Green (49%)
- Blue (59%)



- Red (89%)
- Yellow (49%)
- Blue (59%)



- Cyan (0%)
- Magenta (45%)
- Yellow (34%)
- Black (11%)



- Cyan (11%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 42.408, 5.083 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, 42.408, 5.083 by changing the saturation by 10% instead.

 64, 42.408, 5.083  64, 42.408, 5.083

 100, 42.408, 5.083  54, 42.408, 5.083

 84, 42.408, 5.083  44, 42.408, 5.083

 94, 42.408, 5.083  34, 42.408, 5.083

 24, 42.408, 5.083

 14, 42.408, 5.083

 4, 42.408, 5.083

 0, 42.408, 5.083

 64, 42.408, 5.083  64, 42.408, 5.083

 59, 51.883, 7.281  69, 32.670, 3.317

■ 55, 60.706, 10.051

■ 75, 22.984, 1.863

■ 52, 68.467, 13.564

■ 81, 13.552, 0.636

■ 49, 74.910, 17.956

■ 87, 4.488, 359.522

■ 48, 80.104, 23.214

■ 93, 4.157, 178.876

■ 48, 82.465, 25.879

■ 98, 10.137,
187.453

■ 98, 9.831, 198.852

Harmonies

Complementary

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



64, 42.408, 5.083



83, 36.075, 174.482

Rectangle

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



64, 42.408, 5.083



64, 42.408, 55.083



64, 42.408, 185.083



64, 42.408, 235.083

Sweetspot

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



64, 42.405, 5.085



91, 13.802, 0.519



63, 61.225, 318.688



47, 9.575, 0.767



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, 42.405, 5.085



67, 56.060, 7.095



69, 36.481, 42.701



44, 4.994, 0.004



37, 67.893, 24.842



6, 25.300, 10.002

Inverse Universe

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



64, 42.405, 5.085



67, 56.060, 7.095



77, 26.346, 227.182



44, 4.994, 0.004



37, 67.893, 24.842



6, 25.300, 10.002

Previews

White Background



This preview shows how the CIELCh color 64, 42.408, 5.083 looks on a white background.

Color Contrast Check

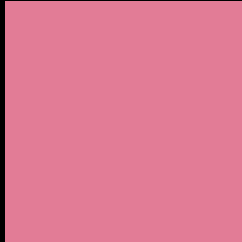
Large Text (above 18pt) WCAG AA × Fail

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 64, 42.408, 5.083 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, 42.408, 5.083

Background



This preview shows how black text looks on a background with the CIELCh color 64, 42.408, 5.083.



This preview shows how white text looks on a background with the CIELCh color 64, 42.408, 5.083.

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

64, 42.408, 5.083

Protanopia

64, 7.248, 290.957

Deuteranopia

64, 9.847, 33.206



Tritanopia
64, 40.486, 17.114

Trichromacy



Original Color
64, 42.408, 5.083



Protanomaly
64, 17.130, 347.734



Deuteranomaly
64, 21.134, 12.609



Tritanomaly
64, 40.774, 12.670

Monochromacy



Original Color
64, 42.408, 5.083



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 15.354, 2.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 42.408, 5.083 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(226, 124, 150)` looks like.

```
.text, #text, p{  
    color:rgb(226, 124, 150)  
}
```

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(226, 124, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 124, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 42.408, 5.083 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(226, 124, 150) }
```

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

```
.border{ border-color:rgb(226, 124, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 124, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 124, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 124, 150);  
box-shadow:4px 4px 4px 4px rgb(226, 124,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 42.408, 5.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 124, 150) }
```

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

```
.background{ background-color: rgb(226,  
124, 150) }
```

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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