

Converting Colors

CIELCh(63, 44.600, 4.737)

Have a look what the booklet for
CIELCh(63, 44.600, 4.737) contains.

CIELCh(63, 44.666, 4.324)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(63, 44.666, 4.324)

Conversions

Conversions Part 1

Format	Color
Hex	E27794
RGB	226, 119, 148
RGB Percent	89%, 47%, 58%
CMY	0.1129, 0.5326, 0.4189
CMYK	0.00, 0.47, 0.34, 0.11
HSL	344°, 65%, 68%
HSV	344°, 47%, 89%
XYZ	43.4111, 31.5869, 31.9043
YIQ	154.2990, 54.4630, 31.7030

Conversions

Conversions Part 2

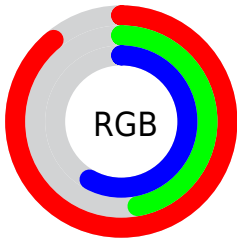
Format	Color
RYB	226, 119, 148
Decimal	14841748
CIELab	63.00, 44.54, 3.37
CIElCh	63, 44.666, 4.324
Yxy	31.5869, 0.4061, 0.2955
Android (android.graphics.Color)	4293031828 (0xFFE27794)
YUV	154.2990, -3.1054, 62.8818
Hunter-Lab	56.2022, 39.5209, 5.6844

Details

The CIELCh color $63, 44.666, 4.324$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $83, 38.069, 172.999$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 34.051, 355.910$, and $43, 45.028, 3.902$ is the 20% darker color. If you saturate the color by 10%, you get $58, 53.981, 6.602$, and if you desaturate by 10%, it is $68, 34.967, 2.497$.

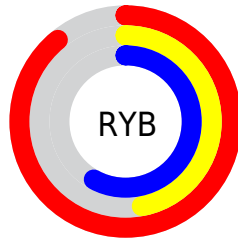
Distribution



Red (89%)

Green (47%)

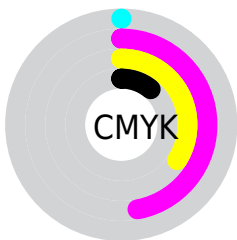
Blue (58%)



Red (89%)

Yellow (47%)

Blue (58%)

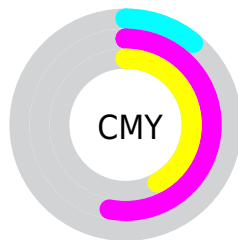


Cyan (0%)

Magenta (47%)

Yellow (34%)

Black (11%)



Cyan (11%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 44.666, 4.324 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, 44.666, 4.324 by changing the saturation by 10% instead.

63, 44.666, 4.324

63, 44.666, 4.324

100, 44.666, 4.324

53, 44.666, 4.324

83, 44.666, 4.324

43, 44.666, 4.324

93, 44.666, 4.324

33, 44.666, 4.324

23, 44.666, 4.324

13, 44.666, 4.324

3, 44.666, 4.324

0, 44.666, 4.324

63, 44.666, 4.324

63, 44.666, 4.324

58, 53.981, 6.602

68, 34.967, 2.497

■ 54, 62.504, 9.478

■ 74, 25.234, 0.995

■ 51, 69.831, 13.123

■ 80, 15.693,
359.731

■ 49, 75.760, 17.669

■ 86, 6.484, 358.616

■ 48, 80.482, 23.054

■ 92, 2.327, 178.004

■ 48, 81.737, 24.512

■ 98, 10.717,
177.010

■ 98, 9.773, 198.856

Harmonies

Complementary

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



63, 44.666, 4.324



83, 38.069, 172.999

Rectangle

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



63, 44.666, 4.324



63, 44.666, 54.324



63, 44.666, 184.324



63, 44.666, 234.324

Sweetspot

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



63, 44.663, 4.326



91, 13.896, 359.363



62, 63.991, 318.247



47, 9.637, 359.610



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, 44.663, 4.326



65, 59.167, 6.620



67, 38.957, 41.220



44, 5.030, 358.850



37, 67.289, 23.466



6, 25.316, 9.211

Inverse Universe

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



63, 44.663, 4.326



65, 59.167, 6.620



77, 27.438, 225.036



44, 5.030, 358.850



37, 67.289, 23.466



6, 25.316, 9.211

Previews

White Background



This preview shows how the CIELCh color 63, 44.666, 4.324 looks on a white background.

Color Contrast Check

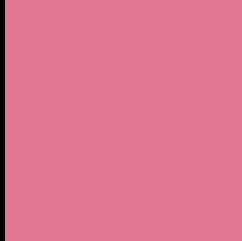
Large Text (above 18pt) WCAG AA × Fail

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 63, 44.666, 4.324 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, 44.666, 4.324

Background



This preview shows how black text looks on a background with the CIELCh color 63, 44.666, 4.324.

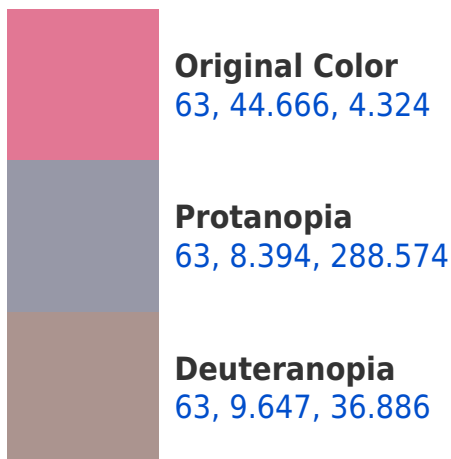


This preview shows how white text looks on a background with the CIELCh color 63, 44.666, 4.324.

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
63, 42.792, 17.889

Trichromacy



Original Color
63, 44.666, 4.324



Protanomaly
62, 18.417, 344.061



Deuteranomaly
63, 21.660, 11.426

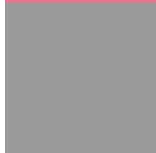


Tritanomaly
63, 42.985, 12.944

Monochromacy



Original Color
63, 44.666, 4.324



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 16.500, 359.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 44.666, 4.324 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, 119, 148)` looks like.

```
.text, #text, p{  
    color:rgb(226, 119, 148)  
}
```

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, 119, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 119, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 44.666, 4.324 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, 119, 148) }
```

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

```
.border{ border-color:rgb(226, 119, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 119, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 119, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 119, 148);  
box-shadow:4px 4px 4px 4px rgb(226, 119,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 44.666, 4.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 119, 148) }
```

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

```
.background{ background-color: rgb(226,  
119, 148) }
```

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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