

Converting Colors

CIELCh(62, 44.449, 7.166)

Have a look what the booklet for
CIELCh(62, 44.449, 7.166) contains.

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Color

CIELCh(62, 44.492, 7.208)

Conversions

Conversions Part 1

Format	Color
Hex	E0758E
RGB	224, 117, 142
RGB Percent	88%, 46%, 56%
CMY	0.1228, 0.5422, 0.4442
CMYK	0.00, 0.48, 0.37, 0.12
HSL	346°, 63%, 67%
HSV	346°, 48%, 88%
XYZ	41.8379, 30.4025, 29.1495
YIQ	151.8430, 55.7470, 30.4590

Conversions

Conversions Part 2

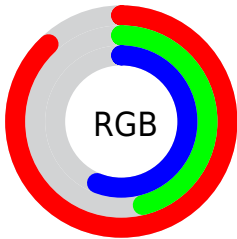
Format	Color
R _Y B	224, 117, 142
Decimal	14710158
CIE Lab	62.00, 44.14, 5.58
CIE LCh	62, 44.492, 7.208
Yxy	30.4025, 0.4126, 0.2999
Android (android.graphics.Color)	4292900238 (0xFFE0758E)
YUV	151.8430, -4.8526, 63.2817
Hunter-Lab	55.1385, 38.9494, 7.2527

Details

The CIELCh color **62, 44.492, 7.208** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **82, 36.972, 175.784**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 34.147, 359.920**, and **42, 44.451, 7.473** is the 20% darker color. If you saturate the color by 10%, you get **57, 53.844, 9.579**, and if you desaturate by 10%, it is **67, 34.833, 5.318**.

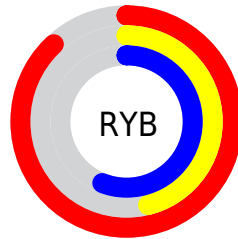
Distribution



Red (88%)

Green (46%)

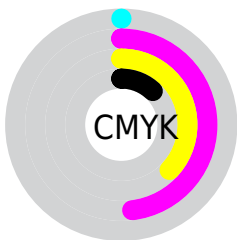
Blue (56%)



Red (88%)

Yellow (46%)

Blue (56%)

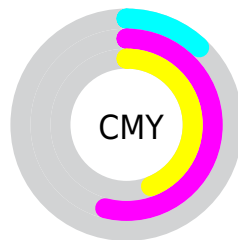


Cyan (0%)

Magenta (48%)

Yellow (37%)

Black (12%)



Cyan (12%)

Magenta (54%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 44.492, 7.208 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, 44.492, 7.208 by changing the saturation by 10% instead.

 62, 44.492, 7.208

 62, 44.492, 7.208

 100, 44.492, 7.208

 52, 44.492, 7.208

 82, 44.492, 7.208

 42, 44.492, 7.208

 92, 44.492, 7.208

 32, 44.492, 7.208

 22, 44.492, 7.208

 12, 44.492, 7.208

 2, 44.492, 7.208

 0, 44.492, 7.208

 62, 44.492, 7.208

 62, 44.492, 7.208

 57, 53.844, 9.579

 67, 34.833, 5.318

■ 53, 62.502, 12.577

■ 73, 25.196, 3.777

■ 50, 70.093, 16.367

■ 78, 15.799, 2.492

■ 48, 76.438, 21.039

■ 84, 6.768, 1.370

■ 47, 81.725, 26.430

■ 90, 1.838, 180.821

■ 47, 82.876, 27.579

■ 97, 10.004,
179.773

■ 98, 10.600,
198.799

Harmonies

Complementary

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



62, 44.492, 7.208



82, 36.972, 175.784

Rectangle

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



62, 44.492, 7.208



62, 44.492, 57.208



62, 44.492, 187.208



62, 44.492, 237.208

Sweetspot

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



62, 44.489, 7.210



91, 13.688, 2.063



62, 64.374, 319.303



47, 9.498, 2.311



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, 44.489, 7.210



65, 59.045, 9.473



67, 38.424, 44.303



44, 4.949, 1.548



37, 68.746, 26.594



6, 25.287, 10.995

Inverse Universe

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



62, 44.489, 7.210



65, 59.045, 9.473



75, 27.312, 230.091



44, 4.949, 1.548



37, 68.746, 26.594



6, 25.287, 10.995

Previews

White Background



This preview shows how the CIELCh color 62, 44.492, 7.208 looks on a white background.

Color Contrast Check

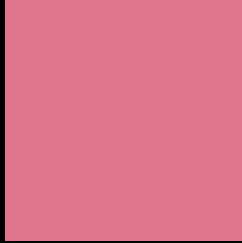
Large Text (above 18pt) WCAG AA × Fail

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 62, 44.492, 7.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

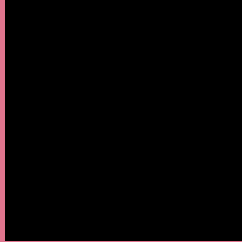
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 44.492, 7.208

Background



This preview shows how black text looks on a background with the CIELCh color 62, 44.492, 7.208.

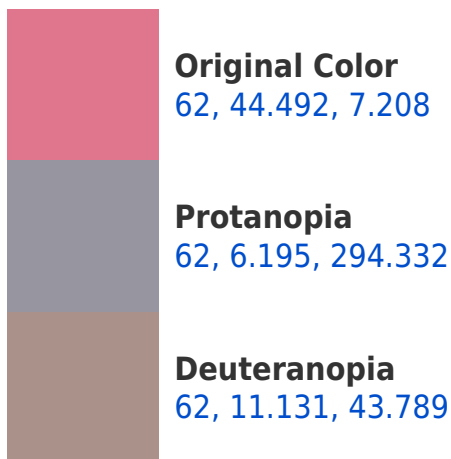


This preview shows how white text looks on a background with the CIELCh color 62, 44.492, 7.208.

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, 43.365, 18.124

Trichromacy



Original Color
62, 44.492, 7.208

Protanomaly
61, 18.009, 351.590

Deuteranomaly
62, 22.530, 16.170

Tritanomaly
62, 43.547, 13.957

Monochromacy



Original Color
62, 44.492, 7.208

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 16.256, 3.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 44.492, 7.208 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(224, 117, 142)` looks like.

```
.text, #text, p{  
    color:rgb(224, 117, 142)  
}
```

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(224, 117, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 117, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 44.492, 7.208 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(224, 117, 142) }
```

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

```
.border{ border-color:rgb(224, 117, 142) }
```

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

Here you see how a box with a 4 pixel rgb(224, 117, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 117, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 117, 142);  
box-shadow:4px 4px 4px 4px rgb(224, 117,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 44.492, 7.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 117, 142) }
```

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

```
.background{ background-color: rgb(224,  
117, 142) }
```

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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