

Converting Colors

CIELCh(62, 46.580, 355.087)

Have a look what the booklet for
CIELCh(62, 46.580, 355.087)
contains.

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Color

CIELCh(62, 46.612, 355.122)

Conversions

Conversions Part 1

Format	Color
Hex	DE739E
RGB	222, 115, 158
RGB Percent	87%, 45%, 62%
CMY	0.1280, 0.5477, 0.3791
CMYK	0.00, 0.48, 0.29, 0.13
HSL	336°, 62%, 66%
HSV	336°, 48%, 87%
XYZ	42.6024, 30.4025, 36.1173
YIQ	151.8950, 49.9690, 36.0570

Conversions

Conversions Part 2

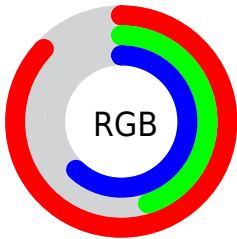
Format	Color
R _Y B	222, 115, 158
Decimal	14578590
CIE Lab	62.00, 46.44, -3.96
CIE LCh	62, 46.612, 355.122
Yxy	30.4025, 0.3904, 0.2786
Android (android.graphics.Color)	4292768670 (0xFFDE739E)
YUV	151.8950, 3.0098, 61.4821
Hunter-Lab	55.1385, 41.4244, -0.2397

Details

The CIELCh color $62, 46.612, 355.122$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $81, 42.528, 164.103$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 38.804, 346.241$, and $42, 46.692, 354.877$ is the 20% darker color. If you saturate the color by 10%, you get $58, 55.502, 357.070$, and if you desaturate by 10%, it is $67, 37.034, 353.526$.

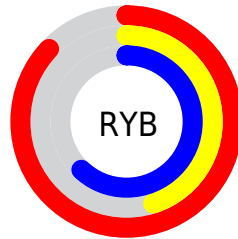
Distribution



Red (87%)

Green (45%)

Blue (62%)



Red (87%)

Yellow (45%)

Blue (62%)

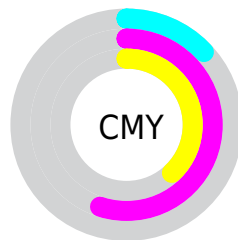


Cyan (0%)

Magenta (48%)

Yellow (29%)

Black (13%)



Cyan (13%)


Magenta (55%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 46.612, 355.122 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, 46.612, 355.122 by changing the saturation by 10% instead.

 62, 46.612,
355.122

 62, 46.612,
355.122

 100, 46.612,
355.122

 52, 46.612,
355.122


 82, 46.612,
355.122

 42, 46.612,
355.122


 92, 46.612,
355.122

 32, 46.612,
355.122

 22, 46.612,
355.122

 12, 46.612,
355.122

 2, 46.612, 355.122

 0, 46.612, 355.122

62, 46.612,
355.122

62, 46.612,
355.122

58, 55.502,
357.070

67, 37.034,
353.526

54, 63.229,
359.498

72, 27.176,
352.182

51, 69.327, 2.573

78, 17.322,
351.023

49, 73.536, 6.475

84, 7.655, 349.983

48, 76.098, 11.276

90, 1.719, 169.432

47, 76.551, 12.206

96, 10.751,
168.398

98, 11.290,
189.487

98, 11.035,
198.769

Harmonies

Complementary

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



62, 46.612, 355.122



81, 42.528, 164.103

Rectangle

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



62, 46.612, 355.122



62, 46.612, 45.122



62, 46.612, 175.122



62, 46.612, 225.122

Sweetspot

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



62, 46.609, 355.123



91, 14.862, 350.595



59, 63.159, 314.110



47, 10.292, 350.824



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, 46.609, 355.123



65, 61.841, 357.138



63, 42.891, 30.386



44, 5.396, 350.117



37, 64.163, 11.301



6, 25.698, 1.630

Inverse Universe

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



62, 46.609, 355.123



65, 61.841, 357.138



80, 29.653, 206.732



44, 5.396, 350.117



37, 64.163, 11.301



6, 25.698, 1.630

Previews

White Background



This preview shows how the CIELCh color 62, 46.612, 355.122 looks on a white background.

Color Contrast Check

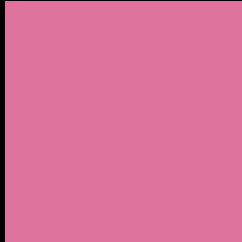
Large Text (above 18pt) WCAG AA × Fail

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, 46.612, 355.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

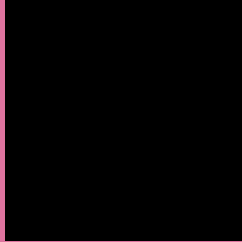
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 46.612, 355.122

Background



This preview shows how black text looks on a background with the CIELCh color 62, 46.612, 355.122.

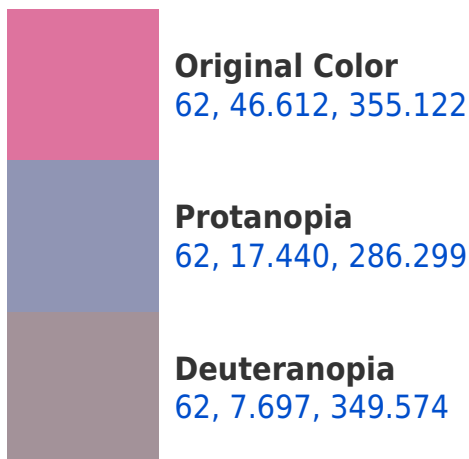


This preview shows how white text looks on a background with the CIELCh color 62, 46.612, 355.122.

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, 41.207, 17.455

Trichromacy



Original Color
62, 46.612, 355.122

Protanomaly
61, 23.629, 325.529

Deuteranomaly
62, 22.433, 352.115

Tritanomaly
62, 42.350, 8.964

Monochromacy



Original Color
62, 46.612, 355.122

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 17.381, 352.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 46.612, 355.122 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(222, 115, 158)` looks like.

```
.text, #text, p{  
    color:rgb(222, 115, 158)  
}
```

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(222, 115, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 115, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 46.612, 355.122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

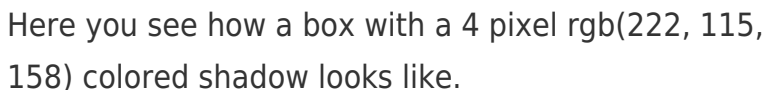
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 115, 158) }
```

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

```
.border{ border-color:rgb(222, 115, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(222, 115, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 115, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 115, 158); box-shadow:4px 4px 4px 4px rgb(222, 115, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 46.612, 355.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 115, 158) }
```

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

```
.background{ background-color: rgb(222,  
115, 158) }
```

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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