

Converting Colors

CIELCh(60, 43.151, 1.283)

Have a look what the booklet for
CIELCh(60, 43.151, 1.283) contains.

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Color

CIELCh(60, 42.941, 1.619)

Conversions

Conversions Part 1

Format	Color
Hex	D67190
RGB	214, 113, 144
RGB Percent	84%, 44%, 56%
CMY	0.1607, 0.5568, 0.4353
CMYK	0.00, 0.47, 0.33, 0.16
HSL	342°, 55%, 64%
HSV	342°, 47%, 84%
XYZ	38.6748, 28.1233, 29.7788
YIQ	146.7330, 50.2450, 31.0530

Conversions

Conversions Part 2

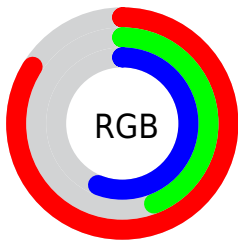
Format	Color
RYB	214, 113, 144
Decimal	14053776
CIELab	60.00, 42.92, 1.21
CIElCh	60, 42.941, 1.619
Yxy	28.1233, 0.4005, 0.2912
Android (android.graphics.Color)	4292243856 (0xFFD67190)
YUV	146.7330, -1.3474, 58.9932
Hunter-Lab	53.0314, 37.3717, 3.8288

Details

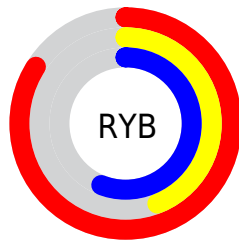
The CIELCh color $60, 42.941, 1.619$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $79, 37.412, 170.431$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 36.589, 356.343$, and $40, 42.802, 1.327$ is the 20% darker color. If you saturate the color by 10%, you get $56, 51.762, 3.793$, and if you desaturate by 10%, it is $65, 33.686, 359.863$.

Distribution



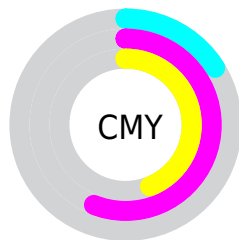
- Red (84%)
- Green (44%)
- Blue (56%)



- Red (84%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (47%)
- Yellow (33%)
- Black (16%)



- Cyan (16%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 42.941, 1.619 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 60, 42.941, 1.619 by changing the saturation by 10% instead.

 60, 42.941, 1.619

 60, 42.941, 1.619

 100, 42.941, 1.619

 50, 42.941, 1.619

 80, 42.941, 1.619

 40, 42.941, 1.619

 90, 42.941, 1.619

 30, 42.941, 1.619

 20, 42.941, 1.619


 10, 42.941, 1.619

 0, 42.941, 1.619

 60, 42.941, 1.619

 60, 42.941, 1.619

 56, 51.762, 3.793

 65, 33.686,
359.863

 52, 59.743, 6.526

49, 66.477, 9.993

70, 24.341,
358.409

47, 71.743, 14.348

76, 15.135,
357.175

45, 75.721, 19.596

45, 76.819, 21.098

81, 6.209, 356.077

87, 2.364, 175.452

93, 10.558,
174.475

97, 14.459,
183.816

97, 13.728,
198.590

Harmonies

Complementary

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



60, 42.941, 1.619



79, 37.412, 170.431

Rectangle

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



60, 42.941, 1.619



60, 42.941, 51.619



60, 42.941, 181.619



60, 42.941, 231.619

Sweetspot

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



60, 42.938, 1.621



91, 14.126, 356.831



59, 60.758, 317.196



47, 9.793, 357.075



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 42.938, 1.621



65, 59.445, 3.885



63, 37.851, 38.255



42, 4.925, 356.318



36, 64.627, 20.124



5, 22.300, 5.880

Inverse Universe

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



60, 42.938, 1.621



65, 59.445, 3.885



75, 26.490, 220.136



42, 4.925, 356.318



36, 64.627, 20.124



5, 22.300, 5.880

Previews

White Background



This preview shows how the CIELCh color 60, 42.941, 1.619 looks on a white background.

Color Contrast Check

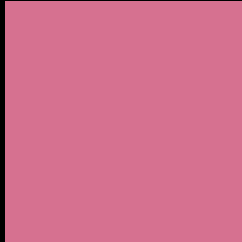
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 42.941, 1.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

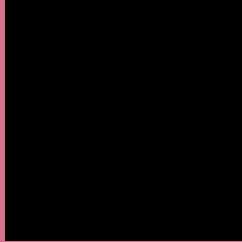
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 42.941, 1.619

Background



This preview shows how black text looks on a background with the CIELCh color 60, 42.941, 1.619.



This preview shows how white text looks on a background with the CIELCh color 60, 42.941, 1.619.

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

60, 42.941, 1.619

Protanopia

60, 10.744, 287.473

Deuteranopia

60, 8.440, 23.996



Tritanopia
60, 40.238, 17.277

Trichromacy



Original Color
60, 42.941, 1.619

Protanomaly
59, 18.718, 337.572

Deuteranomaly
60, 20.990, 4.736

Tritanomaly
60, 40.899, 11.375

Monochromacy



Original Color
60, 42.941, 1.619

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 15.530, 357.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 42.941, 1.619 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(214, 113, 144)` looks like.

```
.text, #text, p{  
    color:rgb(214, 113, 144)  
}
```

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(214, 113, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 113, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 42.941, 1.619 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(214, 113, 144) }
```

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

```
.border{ border-color:rgb(214, 113, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 113, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 113, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 113, 144);  
box-shadow:4px 4px 4px 4px rgb(214, 113,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 42.941, 1.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 113, 144) }
```

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

```
.background{ background-color: rgb(214,  
113, 144) }
```

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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