

Converting Colors

CIELCh(64, 42.925, 331.065)

Have a look what the booklet for
CIELCh(64, 42.925, 331.065)
contains.

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Color

CIELCh(64, 42.889, 331.055)

Conversions

Conversions Part 1

Format	Color
Hex	CC83C1
RGB	204, 131, 193
RGB Percent	80%, 51%, 76%
CMY	0.2011, 0.4873, 0.2442
CMYK	0.00, 0.36, 0.05, 0.20
HSL	309°, 42%, 66%
HSV	309°, 36%, 80%
XYZ	42.5053, 32.8017, 54.3879
YIQ	159.8950, 23.6060, 34.7580

Conversions

Conversions Part 2

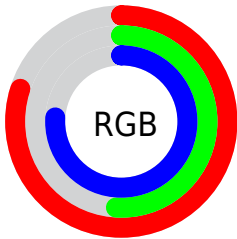
Format	Color
RYB	204, 131, 193
Decimal	13403073
CIELab	64.00, 37.53, -20.76
CIELCh	64, 42.889, 331.055
Yxy	32.8017, 0.3277, 0.2529
Android (android.graphics.Color)	4291593153 (0xFFCC83C1)
YUV	159.8950, 16.3208, 38.6801
Hunter-Lab	57.2727, 32.2474, -16.2126

Details

The CIELCh color $64, 42.889, 331.055$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 42.825, 146.088$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 41.805, 327.997$, and $44, 42.629, 331.450$ is the 20% darker color. If you saturate the color by 10%, you get $60, 54.165, 331.692$, and if you desaturate by 10%, it is $69, 31.051, 330.423$.

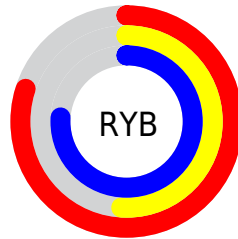
Distribution



Red (80%)

Green (51%)

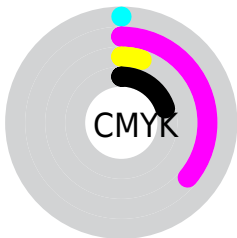
Blue (76%)



Red (80%)

Yellow (51%)

Blue (76%)

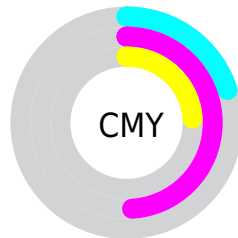


Cyan (0%)

Magenta (36%)

Yellow (5%)

Black (20%)



Cyan (20%)


Magenta (49%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 42.889, 331.055 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, 42.889, 331.055 by changing the saturation by 10% instead.

 64, 42.889,
331.055


 64, 42.889,
331.055


 100, 42.889,
331.055


 54, 42.889,
331.055


 84, 42.889,
331.055

 44, 42.889,
331.055

 94, 42.889,
331.055

 34, 42.889,
331.055

 24, 42.889,
331.055

 14, 42.889,
331.055

 4, 42.889, 331.055

 0, 42.889, 331.055

64, 42.889,
331.055

64, 42.889,
331.055

60, 54.165,
331.692

69, 31.051,
330.423

56, 64.450,
332.331

74, 18.993,
329.797

52, 73.231,
332.973

79, 6.948, 329.165

50, 80.000,
333.625

84, 4.926, 148.684

48, 84.379,
334.305

90, 16.536,
148.078


47, 86.289,
335.036

95, 27.829,
147.533

47, 86.675,
335.353

96, 27.815,
149.262

96, 26.610,
151.401

 96, 25.439,
153.732

Harmonies

Complementary

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



64, 42.889, 331.055



76, 42.825, 146.088

Rectangle

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



64, 42.889, 331.055



64, 42.889, 21.055



64, 42.889, 151.055



64, 42.889, 201.055

Sweetspot

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



64, 42.887, 331.055



93, 15.807, 329.506



58, 41.735, 299.487



49, 10.629, 329.591



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, 42.887, 331.055



75, 61.216, 331.548



63, 31.643, 356.624



40, 6.794, 329.396



38, 74.481, 335.232



5, 25.687, 333.109

Inverse Universe

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



64, 42.887, 331.055



75, 61.216, 331.548



77, 28.992, 168.962



40, 6.794, 329.396



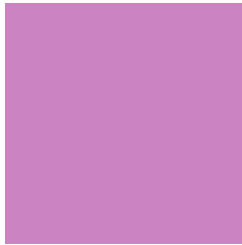
38, 74.481, 335.232



5, 25.687, 333.109

Previews

White Background



This preview shows how the CIELCh color 64, 42.889, 331.055 looks on a white background.

Color Contrast Check

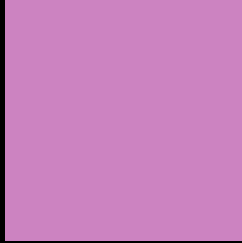
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 42.889, 331.055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

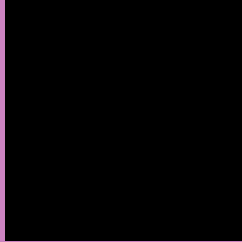
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 42.889, 331.055

Background



This preview shows how black text looks on a background with the CIELCh color 64, 42.889, 331.055.

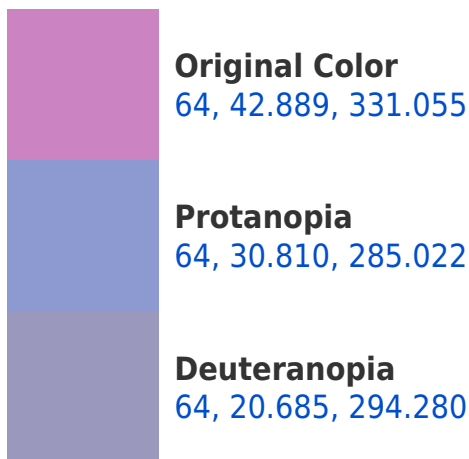


This preview shows how white text looks on a background with the CIELCh color 64, 42.889, 331.055.

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
64, 24.263, 7.568

Trichromacy



Original Color
64, 42.889, 331.055



Protanomaly
64, 32.491, 303.623



Deuteranomaly
64, 27.681, 313.814



Tritanomaly
64, 29.477, 348.484

Monochromacy



Original Color
64, 42.889, 331.055



Achromatopsia
66, 0.008, 296.813



Achromatomaly
65, 16.373, 329.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 42.889, 331.055 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(204, 131, 193)` looks like.

```
.text, #text, p{  
    color:rgb(204, 131, 193)  
}
```

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(204, 131, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 131, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 42.889, 331.055 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(204, 131, 193) }
```

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

```
.border{ border-color:rgb(204, 131, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 131, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 131, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 131, 193);  
box-shadow:4px 4px 4px 4px rgb(204, 131,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 42.889, 331.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 131, 193) }
```

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

```
.background{ background-color: rgb(204,  
131, 193) }
```

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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