

Converting Colors

CIELCh(64, 61.336, 329.560)

Have a look what the booklet for
CIELCh(64, 61.336, 329.560)
contains.

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Color

CIELCh(64, 61.337, 329.581)

Conversions

Conversions Part 1

Format	Color
Hex	DC75D3
RGB	220, 117, 211
RGB Percent	86%, 46%, 83%
CMY	0.1358, 0.5398, 0.1711
CMYK	0.00, 0.47, 0.04, 0.14
HSL	305°, 60%, 66%
HSV	305°, 47%, 86%
XYZ	47.8371, 32.8017, 65.6797
YIQ	158.5130, 31.2140, 51.0700

Conversions

Conversions Part 2

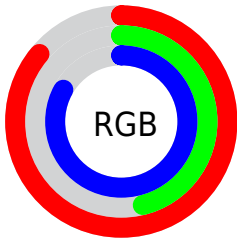
Format	Color
RYB	220, 117, 211
Decimal	14448083
CIELab	64.00, 52.89, -31.06
CIElCh	64, 61.337, 329.581
Yxy	32.8017, 0.3269, 0.2242
Android (android.graphics.Color)	4292638163 (0xFFDC75D3)
YUV	158.5130, 25.8761, 53.9241
Hunter-Lab	57.2727, 48.8650, -27.9022

Details

The CIELCh color $64, 61.337, 329.581$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $80, 61.609, 143.019$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 51.883, 326.215$, and $44, 61.423, 329.691$ is the 20% darker color. If you saturate the color by 10%, you get $60, 72.594, 330.121$, and if you desaturate by 10%, it is $69, 48.908, 329.017$.

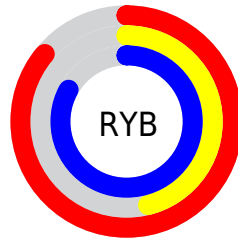
Distribution



Red (86%)

Green (46%)

Blue (83%)



Red (86%)

Yellow (46%)

Blue (83%)

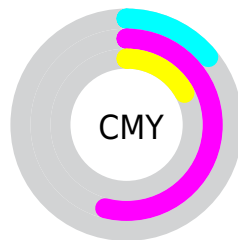


Cyan (0%)

Magenta (47%)

Yellow (4%)

Black (14%)



Cyan (14%)


Magenta (54%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 61.337, 329.581 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, 61.337, 329.581 by changing the saturation by 10% instead.


 64, 61.337,
329.581


 64, 61.337,
329.581


 100, 61.337,
329.581


 54, 61.337,
329.581


 84, 61.337,
329.581

 44, 61.337,
329.581

 94, 61.337,
329.581

 34, 61.337,
329.581

 24, 61.337,
329.581

 14, 61.337,
329.581

 4, 61.337, 329.581

 0, 61.337, 329.581

64, 61.337,
329.581

64, 61.337,
329.581

60, 72.594,
330.121

69, 48.908,
329.017

57, 82.131,
330.627

73, 35.802,
328.436

54, 89.420,
331.099

79, 22.400,
327.848

52, 94.105,
331.541

84, 8.979, 327.249

51, 96.186,
331.965


90, 4.274, 146.786

51, 96.565,
332.101

95, 17.245,
146.183

97, 19.783,
147.321

97, 19.007,
149.124

 97, 18.250,
151.073

Harmonies

Complementary

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



64, 61.337, 329.581



80, 61.609, 143.019

Rectangle

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



64, 61.337, 329.581



64, 61.337, 19.581



64, 61.337, 149.581



64, 61.337, 199.581

Sweetspot

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



64, 61.334, 329.581



91, 21.056, 327.692



54, 59.251, 299.075



47, 14.549, 327.821



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, 61.334, 329.581



69, 80.711, 330.105



62, 45.273, 353.874



43, 7.536, 327.413



40, 80.833, 332.034



7, 32.508, 331.254

Inverse Universe

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



64, 61.334, 329.581



69, 80.711, 330.105



81, 41.664, 163.404



43, 7.536, 327.413



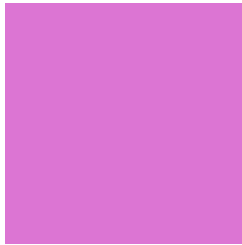
40, 80.833, 332.034



7, 32.508, 331.254

Previews

White Background



This preview shows how the CIELCh color 64, 61.337, 329.581 looks on a white background.

Color Contrast Check

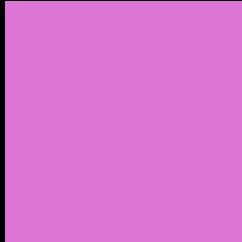
Large Text (above 18pt) WCAG AA × Fail

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 64, 61.337, 329.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

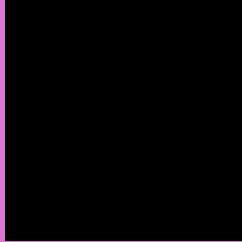
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 61.337, 329.581

Background



This preview shows how black text looks on a background with the CIELCh color 64, 61.337, 329.581.

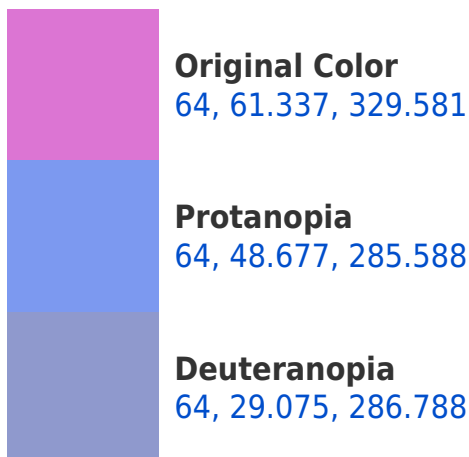


This preview shows how white text looks on a background with the CIELCh color 64, 61.337, 329.581.

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, 32.447, 13.314

Trichromacy



Original Color
64, 61.337, 329.581



Protanomaly
63, 50.789, 301.829



Deuteranomaly
63, 39.054, 309.425

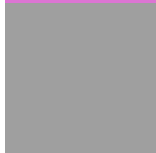


Tritanomaly
64, 39.914, 349.821

Monochromacy



Original Color
64, 61.337, 329.581



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 23.419, 327.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 61.337, 329.581 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(220, 117, 211)` looks like.

```
.text, #text, p{  
    color:rgb(220, 117, 211)  
}
```

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(220, 117, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 117, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 61.337, 329.581 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(220, 117, 211) }
```

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

```
.border{ border-color:rgb(220, 117, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 117, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 117, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 117, 211);  
box-shadow:4px 4px 4px 4px rgb(220, 117,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 61.337, 329.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 117, 211) }
```

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

```
.background{ background-color: rgb(220,  
117, 211) }
```

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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