

Converting Colors

CIELCh(65, 47.117, 330.033)

Have a look what the booklet for
CIELCh(65, 47.117, 330.033)
contains.

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Color

CIELCh(65, 47.252, 329.920)

Conversions

Conversions Part 1

Format	Color
Hex	D283C9
RGB	210, 131, 201
RGB Percent	82%, 51%, 79%
CMY	0.1774, 0.4871, 0.2127
CMYK	0.00, 0.38, 0.04, 0.18
HSL	307°, 47%, 67%
HSV	307°, 38%, 82%
XYZ	45.1139, 34.0472, 59.3108
YIQ	162.6010, 24.6140, 38.5180

Conversions

Conversions Part 2

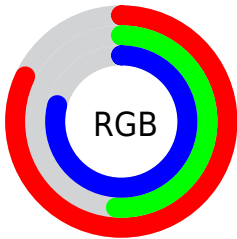
Format	Color
RYB	210, 131, 201
Decimal	13796297
CIELab	65.00, 40.89, -23.68
CIElCh	65, 47.252, 329.920
Yxy	34.0472, 0.3258, 0.2459
Android (android.graphics.Color)	4291986377 (0xFFD283C9)
YUV	162.6010, 18.9307, 41.5689
Hunter-Lab	58.3500, 35.8967, -19.4214

Details

The CIELCh color $65, 47.252, 329.920$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 47.260, 144.778$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 43.869, 325.944$, and $45, 47.470, 329.815$ is the 20% darker color. If you saturate the color by 10%, you get $61, 58.916, 330.512$, and if you desaturate by 10%, it is $70, 34.913, 329.320$.

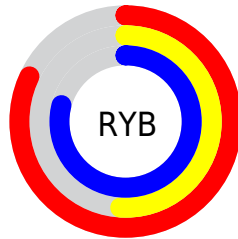
Distribution



Red (82%)

Green (51%)

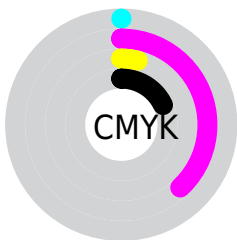
Blue (79%)



Red (82%)

Yellow (51%)

Blue (79%)

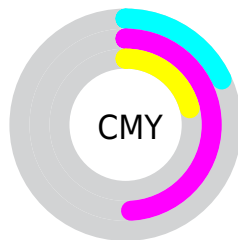


Cyan (0%)

Magenta (38%)

Yellow (4%)

Black (18%)



Cyan (18%)


Magenta (49%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 47.252, 329.920 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 65, 47.252, 329.920 by changing the saturation by 10% instead.


 65, 47.252,
329.920


 65, 47.252,
329.920


 100, 47.252,
329.920


 55, 47.252,
329.920


 85, 47.252,
329.920

 45, 47.252,
329.920

 95, 47.252,
329.920

 35, 47.252,
329.920

 25, 47.252,
329.920

 15, 47.252,
329.920

 5, 47.252, 329.920

 0, 47.252, 329.920

65, 47.252,
329.920

65, 47.252,
329.920

61, 58.916,
330.512

70, 34.913,
329.320

57, 69.444,
331.089

75, 22.277,
328.718

54, 78.300,
331.648

80, 9.608, 328.110

51, 84.982,
332.191

85, 2.912, 147.667

91, 15.171,
147.028

50, 89.159,
332.727


96, 26.106,
146.653

49, 90.899,
333.275

96, 25.136,
148.324

49, 91.153,
333.405

96, 24.186,
150.121

 96, 23.257,
152.057

Harmonies

Complementary

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



65, 47.252, 329.920



78, 47.260, 144.778

Rectangle

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



65, 47.252, 329.920



65, 47.252, 19.920



65, 47.252, 149.920



65, 47.252, 199.920

Sweetspot

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



65, 47.249, 329.920



93, 16.219, 328.323



58, 45.019, 298.167



49, 10.906, 328.407



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 47.249, 329.920



74, 65.456, 330.386



64, 34.844, 353.548



41, 7.114, 328.219



39, 77.476, 333.316



5, 28.509, 331.888

Inverse Universe

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



65, 47.249, 329.920



74, 65.456, 330.386



78, 32.355, 165.591



41, 7.114, 328.219



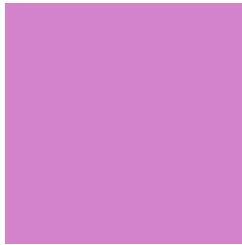
39, 77.476, 333.316



5, 28.509, 331.888

Previews

White Background



This preview shows how the CIELCh color 65, 47.252, 329.920 looks on a white background.

Color Contrast Check

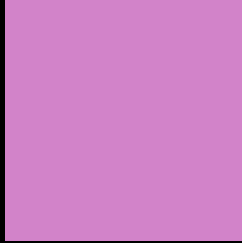
Large Text (above 18pt) WCAG AA × Fail

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 65, 47.252, 329.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

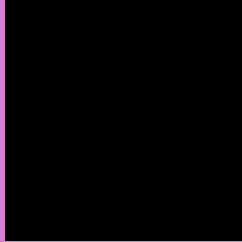
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 47.252, 329.920

Background



This preview shows how black text looks on a background with the CIELCh color 65, 47.252, 329.920.



This preview shows how white text looks on a background with the CIELCh color 65, 47.252, 329.920.

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

65, 47.252, 329.920

Protanopia

65, 35.733, 285.374

Deuteranopia

65, 22.805, 291.688



Tritanopia
65, 25.777, 8.633

Trichromacy



Original Color
65, 47.252, 329.920

Protanomaly
65, 37.388, 303.012

Deuteranomaly
65, 30.709, 311.602

Tritanomaly
65, 31.788, 348.104

Monochromacy



Original Color
65, 47.252, 329.920

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 17.419, 328.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 47.252, 329.920 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(210, 131, 201)` looks like.

```
.text, #text, p{  
    color:rgb(210, 131, 201)  
}
```

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(210, 131, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 131, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 47.252, 329.920 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(210, 131, 201) }
```

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

```
.border{ border-color:rgb(210, 131, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 131, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 131, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 131, 201);  
box-shadow:4px 4px 4px 4px rgb(210, 131,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 47.252, 329.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 131, 201) }
```

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

```
.background{ background-color: rgb(210,  
131, 201) }
```

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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