

Converting Colors

CIELCh(65, 62.665, 322.298)

Have a look what the booklet for
CIELCh(65, 62.665, 322.298)
contains.

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Color

CIELCh(65, 62.419, 322.384)

Conversions

Conversions Part 1

Format	Color
Hex	D47DE3
RGB	212, 125, 227
RGB Percent	83%, 49%, 89%
CMY	0.1701, 0.5111, 0.1112
CMYK	0.07, 0.45, 0.00, 0.11
HSL	291°, 64%, 69%
HSV	291°, 45%, 89%
XYZ	48.1481, 34.0472, 76.4409
YIQ	162.6410, 19.1100, 50.1660

Conversions

Conversions Part 2

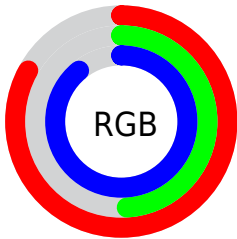
Format	Color
R_{YB}	212, 125, 227
Decimal	13925859
CIE _{Lab}	65.00, 49.44, -38.10
CIE _{LCh}	65, 62.419, 322.384
Yxy	34.0472, 0.3035, 0.2146
Android (android.graphics.Color)	4292115939 (0xFFD47DE3)
YUV	162.6410, 31.7290, 43.2878
Hunter-Lab	58.3500, 45.1787, -36.8274

Details

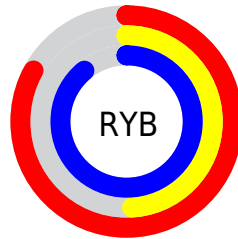
The CIELCh color $65, 62.419, 322.384$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $83, 61.697, 137.566$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 46.967, 326.049$, and $45, 62.502, 322.328$ is the 20% darker color. If you saturate the color by 10%, you get $60, 75.086, 322.726$, and if you desaturate by 10%, it is $70, 48.878, 321.974$.

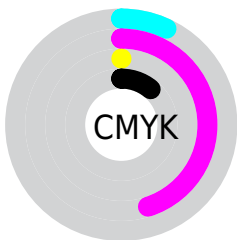
Distribution



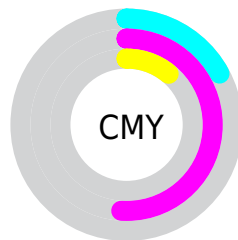
- Red (83%)
- Green (49%)
- Blue (89%)



- Red (83%)
- Yellow (49%)
- Blue (89%)



- Cyan (7%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)





- Cyan (17%)
- Magenta (51%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 62.419, 322.384 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, 62.419, 322.384 by changing the saturation by 10% instead.


 65, 62.419,
322.384


 65, 62.419,
322.384


 100, 62.419,
322.384


 55, 62.419,
322.384


 85, 62.419,
322.384

 45, 62.419,
322.384

 95, 62.419,
322.384

 35, 62.419,
322.384

 25, 62.419,
322.384

 15, 62.419,
322.384

 5, 62.419, 322.384

 0, 62.419, 322.384

65, 62.419,
322.384

65, 62.419,
322.384

60, 75.086,
322.726

70, 48.878,
321.974

56, 86.324,
322.965

76, 34.915,
321.524

53, 95.512,
323.065

81, 20.847,
321.053

50, 102.108,
322.990

87, 6.893, 320.563

49, 105.863,
322.718


93, 6.812, 140.179

48, 106.992,
322.530

98, 16.740,
138.990

98, 16.162,
135.450

98, 15.648,
131.632

 98, 15.209,
127.545

Harmonies

Complementary

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



65, 62.419, 322.384



83, 61.697, 137.566

Rectangle

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



65, 62.419, 322.384



65, 62.419, 12.384



65, 62.419, 142.384



65, 62.419, 192.384

Sweetspot

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



65, 62.417, 322.384



92, 19.862, 320.962



60, 48.863, 290.258



48, 13.919, 321.068



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, 62.417, 322.384



68, 81.237, 322.706



65, 50.841, 340.114



44, 7.799, 320.786



37, 88.524, 322.620



6, 35.634, 323.235

Inverse Universe

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



64, 42.017, 13.206



66, 56.163, 15.331



83, 49.978, 152.140



44, 4.808, 8.142



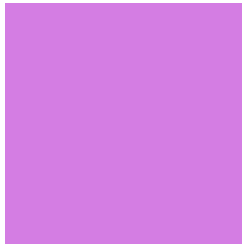
37, 72.718, 32.938



6, 25.299, 14.721

Previews

White Background



This preview shows how the CIELCh color 65, 62.419, 322.384 looks on a white background.

Color Contrast Check

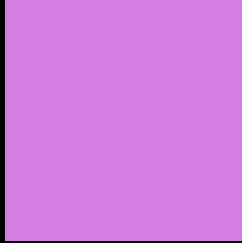
Large Text (above 18pt) WCAG AA × Fail

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 65, 62.419, 322.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

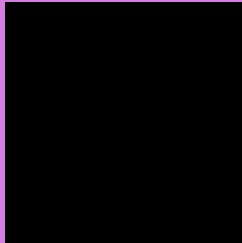
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 62.419, 322.384

Background



This preview shows how black text looks on a background with the CIELCh color 65, 62.419, 322.384.



This preview shows how white text looks on a background with the CIELCh color 65, 62.419, 322.384.

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
65, 24.102, 8.796

Trichromacy



Original Color
65, 62.419, 322.384



Protanomaly
64, 55.272, 298.688



Deuteranomaly
65, 44.025, 302.427



Tritanomaly
65, 34.796, 340.293

Monochromacy



Original Color
65, 62.419, 322.384



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 24.191, 320.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 62.419, 322.384 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(212, 125, 227)` looks like.

```
.text, #text, p{  
    color:rgb(212, 125, 227)  
}
```

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(212, 125, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 125, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 62.419, 322.384 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(212, 125, 227) }
```

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

```
.border{ border-color:rgb(212, 125, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 125, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 125, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 125, 227);  
box-shadow:4px 4px 4px 4px rgb(212, 125,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 62.419, 322.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 125, 227) }
```

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

```
.background{ background-color: rgb(212,  
125, 227) }
```

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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