

Converting Colors

CIELCh(66, 64.060, 323.844)

Have a look what the booklet for
CIELCh(66, 64.060, 323.844)
contains.

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Color

CIELCh(66, 64.094, 323.957)

Conversions

Conversions Part 1

Format	Color
Hex	DB7DE5
RGB	219, 125, 229
RGB Percent	86%, 49%, 90%
CMY	0.1417, 0.5103, 0.1025
CMYK	0.04, 0.45, 0.00, 0.10
HSL	294°, 67%, 69%
HSV	294°, 45%, 90%
XYZ	50.6141, 35.3238, 78.1802
YIQ	164.9620, 22.6400, 52.2720

Conversions

Conversions Part 2

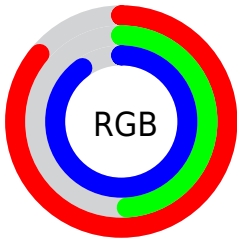
Format	Color
R _Y B	219, 125, 229
Decimal	14384613
CIE Lab	66.00, 51.82, -37.71
CIE LCh	66, 64.094, 323.957
Yxy	35.3238, 0.3084, 0.2152
Android (android.graphics.Color)	4292574693 (0xFFDB7DE5)
YUV	164.9620, 31.5707, 47.3913
Hunter-Lab	59.4338, 48.0022, -36.3873

Details

The CIELCh color `66, 64.094, 323.957` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `83, 63.734, 138.741`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 46.967, 326.049`, and `46, 63.939, 323.981` is the 20% darker color. If you saturate the color by 10%, you get `62, 76.719, 324.319`, and if you desaturate by 10%, it is `71, 50.459, 323.529`.

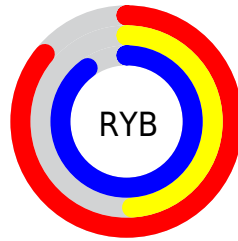
Distribution



Red (86%)

Green (49%)

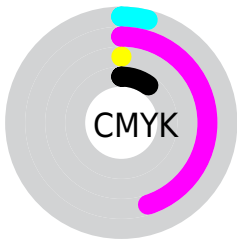
Blue (90%)



Red (86%)

Yellow (49%)

Blue (90%)

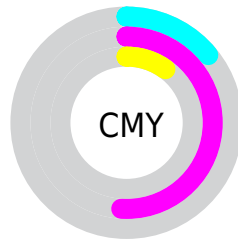


Cyan (4%)

Magenta (45%)

Yellow (0%)

Black (10%)



Cyan (14%)


Magenta (51%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 64.094, 323.957 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 66, 64.094, 323.957 by changing the saturation by 10% instead.


 66, 64.094,
323.957


 66, 64.094,
323.957


 100, 64.094,
323.957


 56, 64.094,
323.957


 86, 64.094,
323.957

 46, 64.094,
323.957

 96, 64.094,
323.957

 36, 64.094,
323.957

 26, 64.094,
323.957

 16, 64.094,
323.957

 6, 64.094, 323.957

 0, 64.094, 323.957

66, 64.094,
323.957

66, 64.094,
323.957

62, 76.719,
324.319

71, 50.459,
323.529

58, 87.768,
324.587

76, 36.295,
323.059

55, 96.638,
324.731

82, 21.953,
322.567

52, 102.854,
324.726

88, 7.680, 322.053

94, 6.365, 141.645

51, 106.256,
324.562

98, 15.676,
140.566

51, 107.186,
324.451

98, 15.272,
138.144

98, 14.896,
135.582

■ 98, 14.551,
132.878

Harmonies

Complementary

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



66, 64.094, 323.957



83, 63.734, 138.741

Rectangle

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



66, 64.094, 323.957



66, 64.094, 13.957



66, 64.094, 143.957



66, 64.094, 193.957

Sweetspot

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



66, 64.092, 323.957



91, 21.719, 322.499



59, 52.878, 292.670



47, 15.012, 322.608



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 64.092, 323.957



68, 83.114, 324.316



66, 50.117, 342.718



45, 8.065, 322.265



39, 88.989, 324.510



7, 37.229, 325.049

Inverse Universe

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



64, 42.982, 17.168



66, 57.805, 19.435



83, 48.820, 154.203



45, 4.846, 12.178



37, 75.953, 35.926



6, 26.829, 17.776

Previews

White Background



This preview shows how the CIELCh color 66, 64.094, 323.957 looks on a white background.

Color Contrast Check

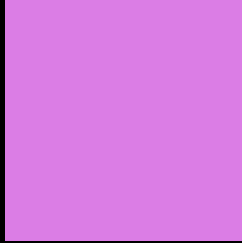
Large Text (above 18pt) WCAG AA × Fail

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 66, 64.094, 323.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

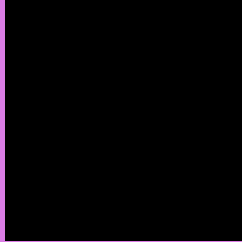
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 64.094, 323.957

Background



This preview shows how black text looks on a background with the CIELCh color 66, 64.094, 323.957.



This preview shows how white text looks on a background with the CIELCh color 66, 64.094, 323.957.

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

66, 64.094, 323.957

Protanopia

66, 53.908, 285.805

Deuteranopia

66, 35.689, 284.345



Tritanopia
66, 27.326, 9.609

Trichromacy



Original Color
66, 64.094, 323.957



Protanomaly
65, 55.176, 299.247



Deuteranomaly
66, 44.052, 303.652



Tritanomaly
66, 37.566, 342.503

Monochromacy



Original Color
66, 64.094, 323.957



Achromatopsia
68, 0.008, 296.813



Achromatomaly
66, 24.669, 323.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 64.094, 323.957 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(219, 125, 229)` looks like.

```
.text, #text, p{  
    color:rgb(219, 125, 229)  
}
```

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(219, 125, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 125, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 64.094, 323.957 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(219, 125, 229) }
```

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

```
.border{ border-color:rgb(219, 125, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 125, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 125, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 125, 229);  
box-shadow:4px 4px 4px 4px rgb(219, 125,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 64.094, 323.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 125, 229) }
```

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

```
.background{ background-color: rgb(219,  
125, 229) }
```

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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