

Converting Colors

CIELCh(64, 64.535, 322.899)

Have a look what the booklet for
CIELCh(64, 64.535, 322.899)
contains.

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Color

CIELCh(64, 64.386, 322.869)

Conversions

Conversions Part 1

Format	Color
Hex	D378E1
RGB	211, 120, 225
RGB Percent	83%, 47%, 88%
CMY	0.1718, 0.5287, 0.1169
CMYK	0.06, 0.47, 0.00, 0.12
HSL	292°, 64%, 68%
HSV	292°, 47%, 88%
XYZ	47.2759, 32.8017, 75.2133
YIQ	159.1790, 20.5310, 51.9470

Conversions

Conversions Part 2

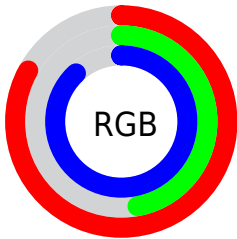
Format	Color
R _Y B	211, 120, 225
Decimal	13859041
CIE Lab	64.00, 51.33, -38.87
CIE LCh	64, 64.386, 322.869
Yxy	32.8017, 0.3044, 0.2112
Android (android.graphics.Color)	4292049121 (0xFFD378E1)
YUV	159.1790, 32.4498, 45.4470
Hunter-Lab	57.2727, 47.1158, -37.7715

Details

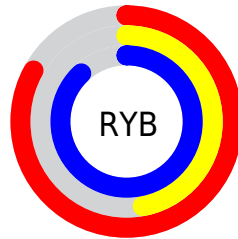
The CIELCh color **64, 64.386, 322.869** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **82, 63.751, 137.774**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 50.046, 326.153**, and **44, 64.264, 322.843** is the 20% darker color. If you saturate the color by 10%, you get **59, 76.770, 323.202**, and if you desaturate by 10%, it is **69, 51.021, 322.464**.

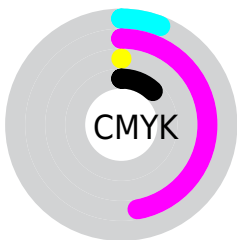
Distribution



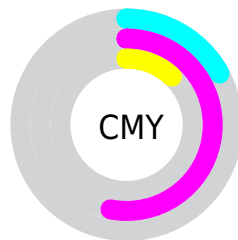
- Red (83%)
- Green (47%)
- Blue (88%)



- Red (83%)
- Yellow (47%)
- Blue (88%)



- Cyan (6%)
- Magenta (47%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (53%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 64.386, 322.869 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, 64.386, 322.869 by changing the saturation by 10% instead.

 64, 64.386,
322.869

 64, 64.386,
322.869

 100, 64.386,
322.869


 54, 64.386,
322.869

 84, 64.386,
322.869

 44, 64.386,
322.869

 94, 64.386,
322.869

 34, 64.386,
322.869

 24, 64.386,
322.869

 14, 64.386,
322.869

 4, 64.386, 322.869

 0, 64.386, 322.869

64, 64.386,
322.869

64, 64.386,
322.869

59, 76.770,
323.202

69, 51.021,
322.464

56, 87.607,
323.430

74, 37.149,
322.013

52, 96.287,
323.517

80, 23.113,
321.540

50, 102.320,
323.433

86, 9.150, 321.051

49, 105.561,
323.161


92, 4.589, 140.667

48, 106.304,
323.047

97, 17.825,
140.148

98, 17.280,
137.219

98, 16.782,
134.085

 98, 16.337,
130.747

Harmonies

Complementary

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



64, 64.386, 322.869



82, 63.751, 137.774

Rectangle

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



64, 64.386, 322.869



64, 64.386, 12.869



64, 64.386, 142.869



64, 64.386, 192.869

Sweetspot

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



64, 64.384, 322.869



91, 21.489, 321.418



59, 51.573, 291.407



47, 14.855, 321.523



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, 64.384, 322.869



67, 84.018, 323.195



64, 51.736, 341.116



44, 7.831, 321.191



38, 88.381, 323.128



6, 35.684, 323.714

Inverse Universe

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



63, 43.467, 14.593



65, 58.469, 16.905



82, 50.729, 152.622



44, 4.792, 9.228



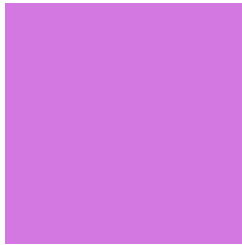
37, 73.379, 33.803



6, 25.310, 15.309

Previews

White Background



This preview shows how the CIELCh color 64, 64.386, 322.869 looks on a white background.

Color Contrast Check

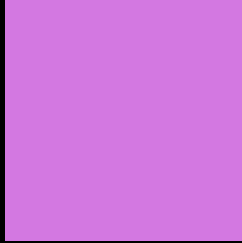
Large Text (above 18pt) WCAG AA × Fail

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, 64.386, 322.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

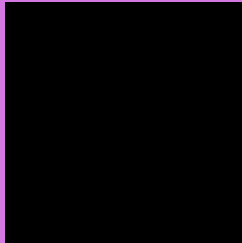
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 64.386, 322.869

Background



This preview shows how black text looks on a background with the CIELCh color 64, 64.386, 322.869.



This preview shows how white text looks on a background with the CIELCh color 64, 64.386, 322.869.

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, 25.818, 9.906

Trichromacy



Original Color
64, 64.386, 322.869



Protanomaly
63, 57.158, 299.095



Deuteranomaly
63, 44.715, 302.401



Tritanomaly
64, 36.302, 341.499

Monochromacy



Original Color
64, 64.386, 322.869



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 24.440, 321.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 64.386, 322.869 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(211, 120, 225)` looks like.

```
.text, #text, p{  
    color:rgb(211, 120, 225)  
}
```

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(211, 120, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 120, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 64.386, 322.869 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(211, 120, 225) }
```

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

```
.border{ border-color:rgb(211, 120, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 120, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 120, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 120, 225);  
box-shadow:4px 4px 4px 4px rgb(211, 120,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 64.386, 322.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 120, 225) }
```

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

```
.background{ background-color: rgb(211,  
120, 225) }
```

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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