

Converting Colors

CIELCh(64, 69.191, 327.591)

Have a look what the booklet for
CIELCh(64, 69.191, 327.591)
contains.

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Color

CIELCh(64, 69.151, 327.570)

Conversions

Conversions Part 1

Format	Color
Hex	E070DE
RGB	224, 112, 222
RGB Percent	88%, 44%, 87%
CMY	0.1207, 0.5600, 0.1286
CMYK	0.00, 0.50, 0.01, 0.12
HSL	301°, 65%, 66%
HSV	301°, 50%, 88%
XYZ	49.8393, 32.8017, 72.9613
YIQ	158.0280, 31.4420, 57.9540

Conversions

Conversions Part 2

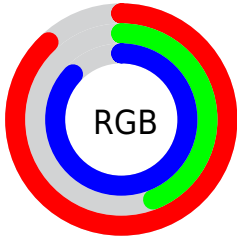
Format	Color
RYB	224, 112, 222
Decimal	14708958
CIELab	64.00, 58.37, -37.08
CIELCh	64, 69.151, 327.570
Yxy	32.8017, 0.3203, 0.2108
Android (android.graphics.Color)	4292899038 (0xFFE070DE)
YUV	158.0280, 31.5382, 57.8574
Hunter-Lab	57.2727, 55.1050, -35.4402

Details

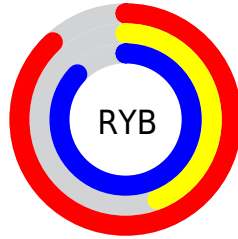
The CIELCh color $64, 69.151, 327.570$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $81, 69.558, 140.788$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 54.319, 326.296$, and $44, 68.747, 327.603$ is the 20% darker color. If you saturate the color by 10%, you get $60, 80.583, 327.998$, and if you desaturate by 10%, it is $68, 56.303, 327.087$.

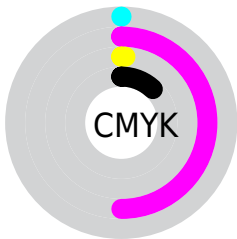
Distribution



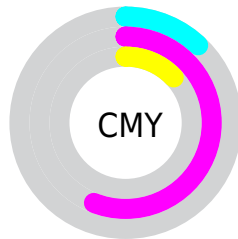
- Red (88%)
- Green (44%)
- Blue (87%)



- Red (88%)
- Yellow (44%)
- Blue (87%)



- Cyan (0%)
- Magenta (50%)
- Yellow (1%)
- Black (12%)





- Cyan (12%)
- Magenta (56%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 69.151, 327.570 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, 69.151, 327.570 by changing the saturation by 10% instead.

 64, 69.151,
327.570


 64, 69.151,
327.570


 100, 69.151,
327.570


 54, 69.151,
327.570


 84, 69.151,
327.570

 44, 69.151,
327.570


 94, 69.151,
327.570

 34, 69.151,
327.570

 24, 69.151,
327.570

 14, 69.151,
327.570

 4, 69.151, 327.570

 0, 69.151, 327.570

64, 69.151,
327.570

64, 69.151,
327.570

60, 80.583,
327.998

68, 56.303,
327.087

57, 90.044,
328.356

73, 42.576,
326.564

55, 97.055,
328.635

78, 28.405,
326.016

54, 101.376,
328.834

84, 14.119,
325.452

53, 103.376,
328.966

89, 0.053, 150.298

53, 103.383,
328.966

95, 13.961,
144.400

97, 18.889,
144.422

97, 18.721,
144.780

■ 97, 18.553,
145.144

Harmonies

Complementary

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



64, 69.151, 327.570



81, 69.558, 140.788

Rectangle

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



64, 69.151, 327.570



64, 69.151, 17.570



64, 69.151, 147.570



64, 69.151, 197.570

Sweetspot

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



64, 69.148, 327.570



91, 23.669, 325.745



53, 64.647, 297.917



47, 16.159, 325.864



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, 69.148, 327.570



68, 89.356, 328.017



62, 50.428, 350.080



44, 8.055, 325.422



42, 86.275, 328.954



8, 35.500, 328.830

Inverse Universe

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



64, 69.148, 327.570



68, 89.356, 328.017



82, 47.492, 159.228



44, 8.055, 325.422



42, 86.275, 328.954



8, 35.500, 328.830

Previews

White Background



This preview shows how the CIELCh color 64, 69.151, 327.570 looks on a white background.

Color Contrast Check

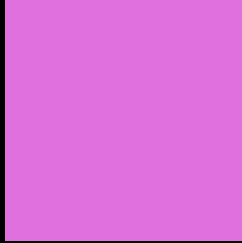
Large Text (above 18pt) WCAG AA × Fail

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, 69.151, 327.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

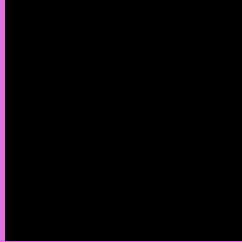
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 69.151, 327.570

Background



This preview shows how black text looks on a background with the CIELCh color 64, 69.151, 327.570.

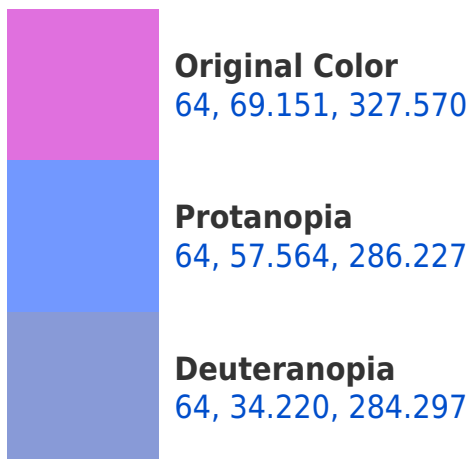


This preview shows how white text looks on a background with the CIELCh color 64, 69.151, 327.570.

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, 33.715, 14.781

Trichromacy



Original Color
64, 69.151, 327.570



Protanomaly
63, 58.970, 300.554



Deuteranomaly
63, 45.328, 306.546

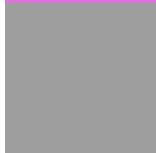


Tritanomaly
64, 42.679, 348.313

Monochromacy



Original Color
64, 69.151, 327.570



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 26.950, 326.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 69.151, 327.570 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(224, 112, 222)` looks like.

```
.text, #text, p{  
    color:rgb(224, 112, 222)  
}
```

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(224, 112, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 112, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 69.151, 327.570 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(224, 112, 222) }
```

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

```
.border{ border-color:rgb(224, 112, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 112, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 112, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 112, 222);  
box-shadow:4px 4px 4px 4px rgb(224, 112,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 69.151, 327.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 112, 222) }
```

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

```
.background{ background-color: rgb(224,  
112, 222) }
```

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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